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<b>BISP #4: BLIND INPAINTING WITH OBJECT-AWARE DISCRIMINATION FOR ARTIFICIAL MARKER REMOVAL</b>	<b>1516</b>
<i>Xuechen Guo, Wenhao Hu, Chiming Ni, Zhejiang University, China; Wenhao Chai, University of Washington, United States of America; Shiyan Li, Sir Run Run Shaw Hospital, Zhejiang University School of Medicine, China; Gaoang Wang, Zhejiang University, China</i>	
<b>BISP #5: EMBEDDED FEATURE SIMILARITY OPTIMIZATION WITH SPECIFIC PARAMETER INITIALIZATION FOR 2D/3D MEDICAL IMAGE REGISTRATION</b>	<b>1521</b>
<i>Minheng Chen, Zhirun Zhang, Shuheng Gu, youyong kong, Southeast University, China</i>	
<b>BISP #6: PREDICTING ADVERSE EVENTS FOR PATIENTS WITH TYPE-1 DIABETES VIA SELF-SUPERVISED LEARNING</b>	<b>1526</b>
<i>Xinzhe Zheng, Sijie Ji, Chenshu Wu, The University of Hong Kong, Hong Kong</i>	
<b>BISP #7: BREAKING THE BARRIER: SELECTIVE UNCERTAINTY-BASED ACTIVE LEARNING FOR MEDICAL IMAGE SEGMENTATION</b>	<b>1531</b>
<i>Siteng Ma, Haochang Wu, Aonghus Lawlor, Ruihai Dong, University College Dublin, Ireland</i>	
<b>BISP #8: SYMMETRIC CONSISTENCY WITH CROSS-DOMAIN MIXUP FOR CROSS-MODALITY CARDIAC SEGMENTATION</b>	<b>1536</b>
<i>Zhuotong Cai, Jingmin Xin, Xi'an Jiaotong University, China; Siyuan Dong, John Onofrey, Yale University, United States of America; Nanning Zheng, Xi'an Jiaotong University, China; James Duncan, Yale University, United States of America</i>	
<b>BISP #9: SSHNN: SEMI-SUPERVISED HYBRID NAS NETWORK FOR ECHOCARDIOGRAPHIC IMAGE SEGMENTATION</b>	<b>1541</b>
<i>Renqi Chen, Jingjing Luo, Fan Nian, Yuhui Cen, Yiheng Peng, Zekuan Yu, Fudan University, China</i>	
<b>BISP #10: GLAND INSTANCE SEGMENTATION BY FULL RESOLUTION MULTI-SCALE DILATION RESIDUAL NETWORKS</b>	<b>1546</b>
<i>Mengjiao Yao, Xiang Gao, Northwestern Polytechnical University, China</i>	
<b>BISP #11: LEARNING HYBRID NEGATIVE PROBABILITY MODEL FOR WEAKLY-SUPERVISED WHOLE SLIDE IMAGE RECOGNITION</b>	<b>1551</b>
<i>Yining Qiu, Fudan University, China; Yuxi Li, Tencent, China; Jiafu Wu, Fudan University, China; Zhenye Gan, Tencent, China; Mingmin Chi, Fudan University, China; Yabiao Wang, Tencent, Zhejiang University, China; Chengjie Wang, Tencent, China; Pei Wang, CAS, NAOC, China</i>	
<b>BISP #12: DYNAMIC LABEL SMOOTHING STRATEGY FOR BIOSIGNAL CLASSIFICATION</b>	<b>1556</b>
<i>PEIJI CHEN, DIAN LI, YIFAN TANG, Shunta Togo, Hiroshi Yokoi, Yinlai Jiang, The University of Electro-Communications, Japan</i>	
<b>BISP #13: MUTUALREG: MUTUAL LEARNING FOR UNSUPERVISED MEDICAL IMAGE REGISTRATION</b>	<b>1561</b>
<i>Jun Liu, Wenyi Wang, Nuo Shen, Wei Wang, Kuanquan Wang, Qince Li, Yongfeng Yuan, Harbin Institute of Technology, China; Henggui Zhang, The University of Manchester, United Kingdom of Great Britain and Northern Ireland; Gongning Luo, Harbin Institute of Technology, China</i>	
<b>BISP #14: LEARNING MULTISCALE CONSISTENCY FOR SELF-SUPERVISED ELECTRON MICROSCOPY INSTANCE SEGMENTATION</b>	<b>1566</b>
<i>Yinda Chen, Wei Huang, Xiaoyu Liu, Shiyu Deng, Qi Chen, Zhiwei Xiong, University of Science and Technology of China, China</i>	
<b>BISP #15: A GRAPH NEURAL NETWORK BASED FUSION OF MRI-DERIVED BRAIN NETWORK AND CLINICAL DATA FOR GLIOBLASTOMA SURVIVAL PREDICTION</b>	<b>1571</b>
<i>Xingcan Hu, Li Xiao, University of Science and Technology of China, China; Yu-Ping Wang, Tulane University, United States of America</i>	

<b>BISP #16: LK-UNET: LARGE KERNEL DESIGN FOR 3D MEDICAL IMAGE SEGMENTATION</b>	<b>1576</b>
<i>JIANG SHANG, City University of Hong Kong, China; Sifan Zhou, Southeast University, China</i>	
<b>BISP #17: STABLE OPTIMIZATION FOR LARGE VISION MODEL BASED DEEP IMAGE PRIOR IN CONE-BEAM CT RECONSTRUCTION</b>	<b>1581</b>
<i>Minghui Wu, Yangdi Xu, Yingying Xu, Guangwei Wu, Zhejiang Lab, China; Qingqing Chen, Department of Radiology, Sir Run Run Shaw Hospital, College of Medicine, Zhejiang University, Hangzhou, China, China; Hongxiang Lin, Zhejiang Lab, China</i>	
<b>BISP #18: FREQUENCY AWARE AND GRAPH FUSION NETWORK FOR POLYP SEGMENTATION</b>	<b>1586</b>
<i>Yan Li, Institute of Information Engineering, Chinese Academy of Sciences &amp; University of Chinese Academy of Sciences, China; Zhuoran Zheng, Nanjing University of Science and Technology, China; Wenqi Ren, University of Chinese Academy of Sciences, China; Yunfeng Nie, Vrije Universiteit Brussel and Flanders Make, China; Jingang Zhang, University of Chinese Academy of Sciences, China; Xiuyi Jia, Nanjing University of Science and Technology, China</i>	
<b>BISP #19: TRLS: A TIME SERIES REPRESENTATION LEARNING FRAMEWORK VIA SPECTROGRAM FOR MEDICAL SIGNAL PROCESSING</b>	<b>1591</b>
<i>Luyuan Xie, Cong Li, Xin Zhang, Shengfang Zhai, Yuejian Fang, Qingni Shen, Zhonghai Wu, Peking Unverisity, China</i>	
<b>BISP #20: SSR-GPCST: DEEP LEARNING MODELS BASED ON FUNCTIONAL CONNECTIVITY MAPS IN AUTISM RESEARCH</b>	<b>1596</b>
<i>Hao Jiacheng, Xu Junhai, Tianjin University, China; Liu Mengting, Sun Yat-Sen University, China; Wei Jianguo, Tianjin University, China</i>	
<b>BISP #21: CALSEG: IMPROVING CALIBRATION OF MEDICAL IMAGE SEGMENTATION VIA VARIATIONAL LABEL SMOOTHING</b>	<b>1601</b>
<i>xutao guo, Harbin Institute of Technology at Shenzhen, China; yanwu yang, School of Electronics and Information Engineering, Harbin Institute of Technology at Shenzhen, China; Chenfei Ye, Guoqing Cai, International Research Institute for Artificial Intelligence, Harbin Institute of Technology at Shenzhen, China; Ting Ma, School of Electronics and Information Engineering, Harbin Institute of Technology at Shenzhen, China</i>	
<b>BISP #22: CORE BODY TEMPERATURE AND ITS ROLE IN DETECTING ACUTE STRESS: A FEASIBILITY STUDY</b>	<b>1606</b>
<i>Mehrab Bin Morshed, Md Mahbubur Rahman, Viswam Nathan, Li Zhu, Jungmok Bae, Samsung Research America, United States of America; Christina Rosa, Wendy Berry Mendes, University of California, San Francisco, United States of America; Jilong Kuang, Alex Gao, Samsung Research America, United States of America</i>	
<b>BISP #23: WEAKLY SEMI-SUPERVISED TOOL DETECTION IN MINIMALLY INVASIVE SURGERY VIDEOS</b>	<b>1611</b>
<i>Ryo Fujii, Ryo Hachiuma, Hideo Saito, Keio University, Japan</i>	
<b>BISP #24: CHAT: CASCADE HOLE-AWARE TRANSFORMERS WITH GEOMETRIC SPATIAL CONSISTENCY FOR ACCURATE MONOCULAR ENDOSCOPIC DEPTH ESTIMATION</b>	<b>1616</b>
<i>Ming Wu, Hao Qi, Wenkang Fan, Xiamen University, China; Sunkui Ke, Hui-Qing Zeng, Zhongshan Hospital, Xiamen University, China; Yinran Chen, Xiongbiao Luo, Xiamen University, China</i>	
<b>BISP #25: EARLY DIAGNOSING PARKINSON'S DISEASE VIA A DEEP LEARNING MODEL BASED ON AUGMENTED FACIAL EXPRESSION DATA</b>	<b>1621</b>
<i>Yintao Zhou, Meng Pang, Wei Huang, Nanchang University, China; Binghui Wang, Illinois Institute of Technology, United States of America</i>	
<b>BISP #26: DDN-NET: DEEP RESIDUAL SHRINKAGE DENOISING NETWORKS WITH CHANNEL-WISE ADAPTIVELY SOFT THRESHOLDS FOR AUTOMATED MAJOR DEPRESSIVE DISORDER IDENTIFICATION</b>	<b>1626</b>
<i>Yan Zhang, Xin Liu, Zuping Zhang, Centrol South University, China</i>	



<b>BISP #27: MULTI-SOURCE DOMAIN GENERALIZATION FOR ECG-BASED COGNITIVE LOAD ESTIMATION: ADVERSARIAL INVARIANT AND PLAUSIBLE UNCERTAINTY LEARNING</b>	<b>1631</b>
<i>Jiyao Wang, Ange Wang, Haolong Hu, Kaishun Wu, Dengbo He, the Hong Kong University of Science and Technology (Guangzhou), China</i>	
<b>BISP #28: I3FDM: IRIS INPAINTING VIA INVERSE FUSION OF DIFFUSION MODELS</b>	<b>1636</b>
<i>Chenyang Li, Zhili Zhang, Peipei Li, Zhaofeng He, Beijing University Of Posts and Telecommunications, China</i>	
<b>BISP #29: MATPR-UNET: A MULTI ATTENTION TWO-PATH RESIDUAL UNET FOR FOCAL CORTICAL DYSPLASIA LESIONS SEGMENTATION</b>	<b>1641</b>
<i>Wenjing Zhang, Beijing University of Posts and Telecommunications, China; Hao Yu, Peking University First Hospital, China; Manli Zhang, Gongpeng Cao, Guixia Kang, Beijing University of Posts and Telecommunications, China; Lixin Cai, Peking University First Hospital, China</i>	
<b>BISP #30: NORMALIZATION IS ALL YOU NEED: ROBUST FULL-RANGE CONTACTLESS SPO2 ESTIMATION ACROSS USERS</b>	<b>1646</b>
<i>Qijia Shao, Columbia Univeristy, United States of America; Li Zhu, Mohsin Ahmed, Korosh Vatanparvar, Migyeong Gwak, Nafiul Rashid, Jungmok Bae, Jilong Kuang, Alex Gao, Samsung Research America, United States of America</i>	
<b>BISP #31: MEMORY-AUGMENTED DUAL-DOMAIN UNFOLDING NETWORK FOR MRI RECONSTRUCTION</b>	<b>1651</b>
<i>Jiawei Jiang, Jie Wu, Yueqian Quan, Jiacheng Chen, Jianwei Zheng, zhejiang university of technology, China</i>	
<b>BISP #32: FEDSODA: FEDERATED CROSS-ASSESSMENT AND DYNAMIC AGGREGATION FOR HISTOPATHOLOGY SEGMENTATION</b>	<b>1656</b>
<i>Yuan Zhang, Yaolei Qi, Xiaoming Qi, Key Laboratory of New Generation Artificial Intelligence Technology and Its Interdisciplinary Applications (Southeast University), Ministry of Education, China; Lotfi Senhadji, Inserm, LTSI, UMR 1099, University of Rennes, France; Yongyue Wei, Public Health and Epidemic Preparedness and Response Center, Peking University, China; Feng Chen, Department of Biostatistics, School of Public Health, Nanjing Medical University, China; Guanyu Yang, Key Laboratory of New Generation Artificial Intelligence Technology and Its Interdisciplinary Applications (Southeast University), Ministry of Education, China</i>	
<b>BISP #33: SINGLE-SOURCE DOMAIN GENERALIZATION IN FUNDUS IMAGE SEGMENTATION VIA MODERATING AND INTERPOLATING INPUT SPACE AUGMENTATION</b>	<b>1661</b>
<i>Boon Peng Yap, Beng Koon Ng, Nanyang Technological University, Singapore, Singapore</i>	
<b>BISP #34: SUBDIVISION FEATURES-GUIDED BRAIN MRI SUPER-RESOLUTION VIA FORWARD AND BACKWARD PROPAGATION</b>	<b>1666</b>
<i>Jinbin Hu, Xiaoxue Sun, Xinhao Bai, Yanding Qin, Hongpeng Wang, Jianda Han, Nankai University, China</i>	
<b>BISP #35: UNAD: UNIVERSAL ANATOMY-INITIALIZED NOISE DISTRIBUTION LEARNING FRAMEWORK TOWARDS LOW-DOSE CT DENOISING</b>	<b>1671</b>
<i>Lingrui Gu, Weijian Deng, Guoli Wang, Sun Yat-sen University, China</i>	
<b>BISP #36: DEEP FUSION OF SHIFTED MLP AND CNN FOR MEDICAL IMAGE SEGMENTATION</b>	<b>1676</b>
<i>Chengyu Yuan, Henan Normal University, China; Hao Xiong, Macquarie University, Australia; Guoqing Shangguan, Hualei Shen, Dong Liu, Henan Normal University, China; Haojie Zhang, Beijing Institute of Technology, China; Zhonghua Liu, Zhejiang Ocean University, China; Kun Qian, Bin Hu, Beijing Institute of Technology, China; Björn W. Schuller, Imperial College London, United Kingdom of Great Britain and Northern Ireland; Yoshiharu Yamamoto, The University of Tokyo, Japan; Shlomo Berkovsky, Macquarie University, Australia</i>	
<b>BISP #37: IN-THE-WILD PHYSIOLOGICAL-BASED STRESS DETECTION USING FEDERATED STRATEGY</b>	<b>1681</b>
<i>Po-Chen Lin, Jeng-Lin Li, Woan-Shiuan Chien, Chi-Chun Lee, National Tsing Hua University, Taiwan</i>	
<b>BISP #38: FREEZE THE BACKBONES: A PARAMETER-EFFICIENT CONTRASTIVE APPROACH TO ROBUST MEDICAL VISION-LANGUAGE PRE-TRAINING</b>	<b>1686</b>
<i>Jiuming Qin, Che Liu, Sibao Cheng, Yike Guo, Rossella Arcucci, Imperial College London, United Kingdom of Great Britain and Northern Ireland</i>	



<b>BISP #39: A METHOD FOR X-RAY IMAGE LANDMARKS LOCALIZATION USING CYCLIC COORDINATE-GUIDED STRATEGY</b>	<b>1691</b>
<i>Xianglong Wang, Xifeng An, Eric Rigall, Shu Zhang, Ocean University of China, China; Hui Yu, University of Portsmouth, United Kingdom of Great Britain and Northern Ireland; Junyu Dong, Ocean University of China, China</i>	
<b>BISP #40: FEDMM: FEDERATED MULTI-MODAL LEARNING WITH MODALITY HETEROGENEITY IN COMPUTATIONAL PATHOLOGY</b>	<b>1696</b>
<i>Yuanzhe Peng, Jieming Bian, Jie Xu, University of Miami, United States of America</i>	
<b>BISP #41: FALL PREDICTION BY A SPATIO-TEMPORAL MULTI-CHANNEL CAUSAL MODEL FROM WEARABLE SENSORS DATA</b>	<b>1701</b>
<i>Guorui Liao, Jiawei Liu, Chongqing University, China; Yuxuan Liang, The Hong Kong University of Science and Technology (Guangzhou), China; Shu Wang, Southwest University, China; Li Liu, Chongqing University, China</i>	
<b>BISP #42: BRAIN STRUCTURE-FUNCTION INTERACTION NETWORK FOR FLUID COGNITION PREDICTION</b>	<b>1706</b>
<i>Jing Xia, Yi Hao Chan, Deepank Girish, Jagath C. Rajapakse, Nanyang Technological University, Singapore</i>	
<b>BISP #43: PRE-POST INTERACTION LEARNING FOR BRAIN TUMOR SEGMENTATION WITH MISSING MRI MODALITIES</b>	<b>1711</b>
<i>Linyu Xing, Mengxi Chen, Jiangchao Yao, Ya Zhang, Yanfeng Wang, Shanghai Jiao Tong University, China</i>	
<b>BISP #44: CT AND MRI FUSION WITH ANISOTROPIC GUIDED FILTERING</b>	<b>1716</b>
<i>yuping huang, weisheng li, Chongqing University of Posts and Telecommunications, China; guofen wang, Chongqing Normal University, China; xiaoyu qiao, huanyu chen, Chongqing University of Posts and Telecommunications, China</i>	
<b>BISP #45: EFFECTIVE CONNECTIVITY-BASED MULTI-VIEW FEATURE LEARNING METHOD FOR DEMENTIA DIAGNOSIS WITH FNIRS SIGNAL</b>	<b>1721</b>
<i>Yingwei Zhang, Changru Guo, Yiqiang Chen, Institute of Computing Technology, Chinese Academic of Sciences, China; Zeping Lv, Qing Li, National Research Center for Rehabilitation Technical Aids, China; ,</i>	
<b>BISP #46: IMAGE2POINTS: A 3D POINT-BASED CONTEXT CLUSTERS GAN FOR HIGH-QUALITY PET IMAGE RECONSTRUCTION</b>	<b>1726</b>
<i>Jiaqi Cui, Yan Wang, Lu Wen, Pinxian Zeng, Sichuan University, China; Xi Wu, Chengdu University of Information Technology, China; Jiliu Zhou, Sichuan University, China; Dinggang Shen, ShanghaiTech University, Shanghai United Imaging Intelligence Co., Ltd., China</i>	
<b>BISP #47: SAM-GUIDED ENHANCED FINE-GRAINED ENCODING WITH MIXED SEMANTIC LEARNING FOR MEDICAL IMAGE CAPTIONING</b>	<b>1731</b>
<i>Zhenyu Zhang, Benlu Wang, Weijie Liang, Yizhi Li, Xuechen Guo, Guanhong Wang, Zhejiang University-University of Illinois Urbana-Champaign Institute, Zhejiang University, China, China; Shiyan Li, Sir Run Run Shaw Hospital, Zhejiang University School of Medicine, China, China; Gaoang Wang, Zhejiang University-University of Illinois Urbana-Champaign Institute, Zhejiang University, China, China</i>	
<b>BISP #48: SDEMG: SCORE-BASED DIFFUSION MODEL FOR SURFACE ELECTROMYOGRAPHIC SIGNAL DENOISING</b>	<b>1736</b>
<i>Yu-Tung Liu, National Yang Ming Chiao Tung University, Taiwan; Kuan-Chen Wang, National Taiwan University, Taiwan; Kai-Chun Liu, National Taipei University of Technology, Taiwan; Sheng-Yu Peng, National Taiwan University of Science and Technology, Taiwan; Yu Tsao, Academia Sinica, Taiwan</i>	
<b>BISP #49: EEG-BASED FAST AUDITORY ATTENTION DETECTION IN REAL-LIFE SCENARIOS USING TIME-FREQUENCY ATTENTION MECHANISM</b>	<b>1741</b>
<i>Zhuang Xie, Jianguo Wei, Wenhuan Lu, Zhongjie Li, Tianjin University, China; Chunli Wang, Lanzhou Jiaotong University, China; Gaoyan Zhang, Tianjin University, China</i>	

<b>BISP #50: A BI-PYRAMID MULTIMODAL FUSION METHOD FOR THE DIAGNOSIS OF BIPOLAR DISORDERS</b>	1746
<i>Guoxin Wang, Zhejiang University, China; Sheng Shi, Northeastern University, China; Shan An, JD Health International Inc., China; Fengmei Fan, Beijing Huilongguan Hospital, China; Wenshu Ge, JD Health International Inc., China; Qi Wang, Northeastern University, China; Feng Yu, Zhejiang University, China; Zhiren Wang, Beijing Huilongguan Hospital, China</i>	
<b>BISP #51: MULTI-TASK SELF-SUPERVISED LEARNING FOR MEDICAL IMAGE SEGMENTATION</b>	1751
<i>Bo Wang, Yanbian University, China; Hang Zhao, Xiongfei Li, Mingjie Tian, Bo Huang, Feiyang Yang, Jilin University,, China</i>	
<b>BISP #52: CROSS-MODAL SYNTHESIS OF STRUCTURAL MRI AND FUNCTIONAL CONNECTIVITY NETWORKS VIA CONDITIONAL VIT-GANS</b>	1756
<i>Yuda Bi, Anees Abrol, Jing Sui, Vince Calhoun, Tri-institutional Center for Translational Research in Neuroimaging and Data Science @\{GSU, GATech, Emory\}, United States of America</i>	
<b>BISP #53: SELF-SUPERVISED LEARNING FOR SLEEP STAGE CLASSIFICATION WITH TEMPORAL AUGMENTATION AND FALSE NEGATIVE SUPPRESSION</b>	1761
<i>Fangyao Shen, Zehao Zhang, Zhejiang Normal University, China; Yong Peng, Hangzhou Dianzi University, China; Hongjie Guo, Lina Chen, Hong Gao, Zhejiang Normal University, China</i>	
<b>BISP #54: VMCC-NET: UNCOVERING CHALLENGING REGIONS IN SEMI-SUPERVISED MEDICAL IMAGE SEGMENTATION WITH VOXEL MASK BASED CYCLIC-CONSISTENCY NETWORK</b>	1766
<i>Yujie Liu, Peng Zhou, Zongmin Li, China University of Petroleum(East China), China</i>	
<b>BISP #55: SAM-OCTA: A FINE-TUNING STRATEGY FOR APPLYING FOUNDATION MODEL TO OCTA IMAGE SEGMENTATION TASKS</b>	1771
<i>Chengliang Wang, Xinrun Chen, Haojian Ning, Chongqing University, China; Shiyong Li, Xiang'an Hospital of Xiamen University, China</i>	
<b>BISP #56: SEMI-SUPERVISED DOMAIN ADAPTATION FOR EEG-BASED SLEEP STAGE CLASSIFICATION</b>	1776
<i>Shitao Zheng, Dongrui Wu, Huazhong University of Science and Technology, China</i>	
<b>BISP #57: SELF-SUPERVISED CROSS-LEVEL CONSISTENCY LEARNING FOR FUNDUS IMAGE CLASSIFICATION</b>	1781
<i>Qi Bi, University of Amsterdam, Netherlands; Hao Zheng, Tencent Company, China; Xu Sun, Pazhou Lab, China; Jingjun Yi, Wuhan University, China; Wentian Zhang, Shenzhen University, China; Yawen Huang, Tencent Company, China; Yuexiang Li, Guangxi Medical University, China; Yefeng Zheng, Tencent Company, China</i>	
<b>BISP #58: TACKLING ELECTRODE SHIFT IN GESTURE RECOGNITION WITH HD-EMG ELECTRODE SUBSETS</b>	1786
<i>Joao Pereira, Dimitrios Halatsis, Balint Hodossy, Dario Farina, Imperial College London, United Kingdom of Great Britain and Northern Ireland</i>	
<b>BISP #59: FLATTENING SINGULAR VALUES OF FACTORIZED CONVOLUTION FOR MEDICAL IMAGES</b>	1791
<i>Zexin Feng, Na Zeng, Southern University of Science and Technology, China; Jiansheng Fang, Guangzhou Native-Stone Intelligent-Brain Technology Co., Ltd., China; Xingyue Wang, Xiaoxi Lu, Southern University of Science and Technology, China; Heng Meng, The First Affiliated Hospital of Jinan University, China; Jiang Liu, Southern University of Science and Technology, China</i>	
<b>BISP #60: CONFIDENCE-AWARE SPATIAL-TEMPORAL ATTENTION GRAPH CONVOLUTIONAL NETWORK FOR SKELETON-BASED EXPERT-NOVICE LEVEL CLASSIFICATION</b>	1796
<i>Tatsuki Seino, Naoki Saito, Takahiro Ogawa, Hokkaido University, Japan; Satoshi Asamizu, Kushiro National College of Technology, Japan; Miki Haseyama, Hokkaido University, Japan</i>	

<b>BISP #61: DEEP MANIFOLD TRANSFORMATION FOR PROTEIN REPRESENTATION LEARNING</b>	<b>1801</b>
<i>Bozhen Hu, Zhejiang University &amp; Westlake University, China; Zelin Zang, Cheng Tan, Stan Z. Li, Westlake University, China</i>	
<b>BISP #62: TEMPORAL-SPATIAL PREDICTION: PRE-TRAINING ON DIVERSE DATASETS FOR EEG CLASSIFICATION</b>	<b>1806</b>
<i>Ziyi Li, Shanghai Jiao Tong University, China; Li-ming Zhao, Emotion Helper, China; Wei-long Zheng, Bao-liang Lu, Shanghai Jiao Tong University, China</i>	
<b>BISP #63: NONLINEARITY DETECTION AND COMPENSATION FOR EEG-BASED SPEECH TRACKING</b>	<b>1811</b>
<i>Johanna Wilroth, Linköping University, Sweden; Emina Alickovic, Eriksholm Research Centre/Linköping University, Denmark; Martin A. Skoglund, Linköping University/Eriksholm Research Centre, Sweden; Martin Enqvist, Linköping University, Sweden</i>	
<b>BISP #64: OUT-OF-DISTRIBUTION DETECTION FOR LEARNING-BASED CHEST X-RAY DIAGNOSIS</b>	<b>1816</b>
<i>Wenlong Chen, Chuanwen Feng, Ao Ke, Xike Xie, S Kevin Zhou, University of Science and Technology of China, China</i>	
<b>BISP #65: PROMPT-BASED PERSONALIZED FEDERATED LEARNING FOR MEDICAL VISUAL QUESTION ANSWERING</b>	<b>1821</b>
<i>He Zhu, Ren Togo, Takahiro Ogawa, Miki Haseyama, Hokkaido University, Japan</i>	
<b>BISP #66: EFFICIENT POLYP SEGMENTATION VIA INTEGRITY LEARNING</b>	<b>1826</b>
<i>Ziqiang Chen, Fudan University, Guangdong MedicineAI Technology Co., Ltd, China; Kang Wang, Yun Liu, Fudan University, China</i>	
<b>BISP #67: A ROBUST AND SCALABLE METHOD WITH AN ANALYTIC SOLUTION FOR MULTI-SUBJECT FMRI DATA ANALYSIS</b>	<b>1831</b>
<i>Trung Vu, Hanlu Yang, Francisco Laport, Ben Gabrielson, University of Maryland, Baltimore County, United States of America; Vince Calhoun, Georgia State University, Georgia Institute of Technology, and Emory University, Atlanta, United States of America; Tulay Adali, University of Maryland, Baltimore County, United States of America</i>	
<b>BISP #68: MULTITASK CLASSIFICATION OF ANTIMICROBIAL PEPTIDES FOR SIMULTANEOUS ASSESSMENT OF ANTIMICROBIAL PROPERTY AND STRUCTURAL FOLD</b>	<b>1836</b>
<i>Michaela Areti Zervou, University of Crete, ICS-FORTH, Greece; Effrosyni Doutsis, ICS-FORTH, Greece; Yannis Pantazis, IACM-FORTH, Greece; Panagiotis Tsakalides, University of Crete, ICS-FORTH, Greece</i>	
<b>BISP #69: FUNCTIONAL EMOTION TRANSFORMER FOR EEG-ASSISTED CROSS-MODAL EMOTION RECOGNITION</b>	<b>1841</b>
<i>Wei-Bang Jiang, Ziyi Li, Wei-Long Zheng, Bao-Liang Lu, Shanghai Jiao Tong University, China</i>	
<b>BISP #70: BREAST ULTRASOUND COMPUTER-AIDED DIAGNOSIS USING STRUCTURE-AWARE TRIPLET PATH NETWORKS</b>	<b>1846</b>
<i>Erlei Zhang, Weihao Chen, Northwest A&amp;F University, China; Xiaowei Xu, Guangdong Provincial People's Hospital, China; Zhicheng Zhang, JancsiTech, China; Jinglei Li, Guangdong Provincial People's Hospital, China</i>	
<b>BISP #71: UNIDIRECTIONAL BRAIN-COMPUTER INTERFACE: ARTIFICIAL NEURAL NETWORK ENCODING NATURAL IMAGES TO FMRI RESPONSE IN THE VISUAL CORTEX</b>	<b>1851</b>
<i>Ruixing Liang, Xiangyu Zhang, Johns Hopkins University, United States of America; Qiong Li, Penn State University, United States of America; Lai Wei, Johns Hopkins Medicine, United States of America; Hexin Liu, Avisha Kumar, Johns Hopkins University, United States of America; Kelley M. Kempinski Leasingham, Joshua Punnoose, Johns Hopkins Medicine, United States of America; Leibny Paola Garcia, Johns Hopkins University, United States of America; Amir Manbach, Johns Hopkins Medicine, United States of America</i>	

<b>BISP #72: PROGRESSIVE LEARNING BASED KNOWLEDGE DISTILLATION FOR LOW RESOLUTION CEREBRAL MICROBLEED SEGMENTATION</b>	<b>1856</b>
<i>Tianxiang Xia, Rong Zhang, Zhenzuo Chen, Ningbo University, China; Guomin Xie, Xiping Wu, Zhongyue Lv, Ningbo Medical Center Li-Huili Hospital, China; Lijun Guo, Ningbo University, China</i>	
<b>BISP #73: PN-DETX: A DEDICATED FRAMEWORK FOR PULMONARY NODULE DETECTION IN X-RAY IMAGES</b>	<b>1861</b>
<i>Chenglin Liu, Binqun Wang, Zhi Wu, University of Science and Technology of China, China</i>	
<b>BISP #74: REAL-TIME PRIVACY-PRESERVING FALL RISK ASSESSMENT WITH A SINGLE BODY-WORN TRACKING CAMERA</b>	<b>1866</b>
<i>Chiao-Yi Wang, Faranguisse Sadrieh, Yi-Ting Shen, Giovanni Oppizzi, Li-Qun Zhang, Yang Tao, University of Maryland, College Park, United States of America</i>	
<b>BISP #75: CEMOAE: A DYNAMIC AUTOENCODER WITH MASKED CHANNEL MODELING FOR ROBUST EEG-BASED EMOTION RECOGNITION</b>	<b>1871</b>
<i>Yu-Ting Lan, Shanghai Jiao Tong University, China; Wei-Bang Jiang, Shanghai Jiao Tong University, China; Wei-Long Zheng, Bao-Liang Lu, Shanghai Jiao Tong University, China</i>	
<b>BISP #76: DCL-NET: DUAL CONTRASTIVE LEARNING NETWORK FOR SEMI-SUPERVISED MULTI-ORGAN SEGMENTATION</b>	<b>1876</b>
<i>Lu Wen, Zhenghao Feng, Sichuan University, China; Yun Hou, Southwest China Institute of Electronic Technology, China; Peng Wang, Sichuan University, China; Xi Wu, Chengdu University of Information Technology, China; Jiliu Zhou, Yan Wang, Sichuan University, China</i>	
<b>BISP #77: DUAL CONTRASTIVE LEARNING GUIDED PATHOLOGICAL IMAGE RE-STAINING</b>	<b>1881</b>
<i>Yuexiao Liang, Zhineng Chen, Fudan University, China; Xin Chen, Caiyan Jia, Beijing Jiaotong University, China; Xiongjun Ye, Chinese Academy of Medical Sciences, China; Xieping Gao, Hunan Normal University, China</i>	
<b>BISP #78: MODEL-BASED LABEL-TO-IMAGE DIFFUSION FOR SEMI-SUPERVISED CHOROIDAL VESSEL SEGMENTATION</b>	<b>1886</b>
<i>Kun Huang, Xiao Ma, Nanjing University of Science and Technology, China; Na Su, Songtao Yuan, The First Affiliated Hospital with Nanjing Medical University, China; Qiang Chen, Nanjing University of Science and Technology, China</i>	
<b>BISP #79: MEDICAL VISION-LANGUAGE REPRESENTATION LEARNING WITH CROSS-MODAL MULTI-TEACHER CONTRASTIVE DISTILLATION</b>	<b>1891</b>
<i>Bingzhi Chen, Jiawei Zhu, South China Normal University, China; Yishu Liu, Harbin Institute of Technology, Shenzhen, China; Biqing Zeng, Jiahui Pan, Meirong Ding, South China Normal University, China</i>	
<b>BISP #80: LABEL RECTIFIED AND GRAPH ADAPTIVE SEMI-SUPERVISED REGRESSION FOR ELECTRODE SHIFTED GESTURE RECOGNITION</b>	<b>1896</b>
<i>Chengxi Zhu, Yong Peng, Yinfeng Fang, Wanzeng Kong, Hangzhou Dianzi University, China</i>	
<b>BISP #81: HIGH-ACCURACY ANXIETY DISORDER IDENTIFICATION THROUGH SUBSPACE-ENHANCED HYPERGRAPH NEURAL NETWORK</b>	<b>1901</b>
<i>Yibin Tang, Jikang Ding, Aimin Jiang, Hohai University, China; Chun Wang, Nanjing Medical University, China; Yuan Gao, Hohai University, China</i>	
<b>BISP #82: HYBRID MODULE WITH MULTIPLE RECEPTIVE FIELDS AND SELF-ATTENTION LAYERS FOR MEDICAL IMAGE SEGMENTATION</b>	<b>1906</b>
<i>Wenbo Qi, Wenyong Zhou, Ngai Wong, S. C. Chan, The University of Hong Kong, Hong Kong</i>	
<b>BISP #83: ADHD DIAGNOSIS AND BIOMARKER DETECTION BASED ON MULTIMODAL GRAPH CONVOLUTIONAL NEURAL NETWORK</b>	<b>1911</b>
<i>Yuan Gao, Xiaotong Wang, Aimin Jiang, Hohai University, China; Ying Chen, Changzhou University, China; Yibin Tang, Hohai University, China</i>	

<b>BISP #84: HIQ: ONE-SHOT NETWORK QUANTIZATION FOR HISTOPATHOLOGICAL IMAGE CLASSIFICATION</b>	<b>1916</b>
<i>Xinrui Chen, Renao Yan, Yizhi Wang, Jiawen Li, Junru Cheng, Tian Guan, Yonghong He, Tsinghua University, China</i>	
<b>BISP #85: EEG EMOTION RECOGNITION BASED ON DYNAMICAL GRAPH ATTENTION NETWORK</b>	<b>1921</b>
<i>Yi Guo, Chao Tang, Xi'an Jiaotong University, China; Hao Wu, Xi'an University of Technology, China; Badong Chen, Xi'an Jiaotong University, China</i>	
<b>BISP #86: MULTIMODAL MULTI-VIEW SPECTRAL-SPATIAL-TEMPORAL MASKED AUTOENCODER FOR SELF-SUPERVISED EMOTION RECOGNITION</b>	<b>1926</b>
<i>Pengxuan Gao, Tianyu Liu, Jia-Wen Liu, Bao-Liang Lu, Wei-Long Zheng, Shanghai Jiao Tong University, China</i>	
<b>BISP #87: SEMI-SUPERVISED VOLUMETRIC MEDICAL IMAGE SEGMENTATION VIA CLASS PROTOTYPE GUIDED DISTRIBUTION-ALIGNED REPRESENTATION LEARNING</b>	<b>1931</b>
<i>Xiangyu Kong, Zeyu Ren, Lu Liu, University of Leicester, United Kingdom of Great Britain and Northern Ireland</i>	
<b>BISP #88: CC-DA: CROSS-DOMAIN CONSISTENCY DATA AUGMENTATION FOR 3D TUMOR SEGMENTATION</b>	<b>1936</b>
<i>Jiezhou He, Zhiming Luo, Xiamen University, China; Wei Peng, Stanford University, United States of America; Songzhi Su, Shaozi Li, Xiamen University, China</i>	
<b>BISP #89: EIGENDECOMPOSITION-BASED SPATIAL-TEMPORAL ATTENTION FOR BRAIN COGNITIVE STATES IDENTIFICATION</b>	<b>1941</b>
<i>Jiwon Lee, Eunsong Kang, Junyeong Maeng, Heung-Il Suk, Korea University, Korea, Republic of</i>	
<b>BISP #90: A DENSENET-BASED METHOD FOR DECODING AUDITORY SPATIAL ATTENTION WITH EEG</b>	<b>1946</b>
<i>Xiran Xu, Bo Wang, Yujie Yan, Xihong Wu, Jing Chen, Peking University, China</i>	
<b>BISP #91: SPTELEEPNET: AUTOMATIC SLEEP STAGING MODEL BASED ON STRIP PATCH EMBEDDINGS AND TRANSFORMER ENCODER</b>	<b>1951</b>
<i>Xiao Chen, EYE &amp; ENT hospital of Fudan University, China; Xiaokun Dai, Academy for engineering&amp;technology, Fudan University, China; Xueli Liu, EYE&amp;ENT hospital of Fudan University, China; Xinrong Chen, Academy for engineering&amp;technology, Fudan University, China</i>	
<b>BISP #92: NON-ITERATIVE PYRAMID NETWORK FOR UNSUPERVISED DEFORMABLE MEDICAL IMAGE REGISTRATION</b>	<b>1956</b>
<i>Zongmin Li, Xuanning Li, Jiayue Fan, Zhonghao Du, Chaozhi Yang, China University of Petroleum (East China), China</i>	
<b>BISP #93: A NOVEL MEDICAL IMAGE FUSION FRAMEWORK INTEGRATING MULTI-SCALE ENCODER-DECODER WITH DISCRETE WAVELET DECOMPOSITION</b>	<b>1961</b>
<i>Renhe Liu, Yu Liu, Han Wang, Kai Hu, Tianjin University, China; Shan Du, University of British Columbia, Okanagan Campus, Canada</i>	
<b>BISP #94: AN ACCURATE AND EFFICIENT NEURAL NETWORK FOR OCTA VESSEL SEGMENTATION AND A NEW DATASET</b>	<b>1966</b>
<i>Haojian Ning, Chengliang Wang, Xinrun Chen, Chongqing University, China; Shiyong Li, Xiang'an Hospital of Xiamen University, China</i>	
<b>BISP #95: GM-VRC: SEMANTIC TOPOLOGICAL DATA ENSEMBLE APPROACH FOR EEG SIGNAL CLASSIFICATION</b>	<b>1971</b>
<i>Srikireddy Dhanunjay Reddy, Tharun Kumar Reddy, IIT Roorkee, India, India</i>	
<b>BISP #96: A LEARNING-BASED MULTI-NODE FUSION POSITIONING METHOD USING WEARABLE INERTIAL SENSORS</b>	<b>1976</b>
<i>Yifan Song, Songpengcheng Xia, Jiarui Yang, Ling Pei, Shanghai Jiao Tong University, China</i>	



- BISP #97: MMS: MORPHOLOGY-MIXUP STYLIZED DATA GENERATION FOR SINGLE DOMAIN GENERALIZATION IN MEDICAL IMAGE SEGMENTATION** ..... 1981  
*Xiaochen He, Baoyao Yang, Guangdong University of Technology, China; Fei Lyu, Hong Kong Baptist University, China*
- BISP #98: DUALGCN-MIL: WHOLE SLIDE IMAGE CLASSIFICATION BASED ON DOUBLE RELATIONSHIP GRAPH LEARNING** ..... 1986  
*Mei Yu, Hexin Wang, Xuzhou Fu, Jie Gao, Zhiqiang Liu, Xuwei Li, Tianjin University, China*
- BISP #99: DISTRIBUTION-AWARE CONTRASTIVE LEARNING FOR ROBUST MEDICAL IMAGE SEGMENTATION** ..... 1991  
*Zheyun Qin, Shandong University, China; Xiaoming Xi, Shandong Jianzhu University, China; Yilong Yin, Shandong University, China*
- BISP #100: MODELING QUASI-PERIODIC DEPENDENCY VIA SELF-SUPERVISED PRE-TRAINING FOR RESPIRATORY SOUND CLASSIFICATION** ..... 1996  
*Wenjie Song, Jiqing Han, Jianchen Li, Guibin Zheng, Tieran Zheng, Yongjun He, Harbin Institute of Technology, China*
- BISP #101: CEDNET: A CONTINUOUS EMOTION DETECTION NETWORK FOR NATURALISTIC STIMULI USING MEG SIGNALS** ..... 2001  
*Zeming He, Gaoyan Zhang, Tianjin University, China*
- BISP #102: TEXTURE-UNET: A TEXTURE-AWARE NETWORK FOR BONE MARROW SMEAR WHOLE-SLIDE IMAGE REGION OF INTEREST SEGMENTATION** ..... 2006  
*Jian Chen, Xing Wu, Chengliang Wang, Chongqing University, China; Zailin Yang, XueLian Wu, Longrong Ran, Yao Liu, Chongqing University Cancer Hospital, China*
- BISP #103: IMPROVING LIMITED SUPERVISED FOOT ULCER SEGMENTATION USING CROSS-DOMAIN AUGMENTATION STRATEGIES** ..... 2011  
*Shang-Jui Kuo, Po-Han Huang, Chia-Ching Lin, Jeng-Lin Li, Inventec Corporation, Taiwan; Ming-Ching Chang, University at Albany, State University of New York, United States of America*
- BISP #104: BNMTRANS: A BRAIN NETWORK SEQUENCE-DRIVEN MANIFOLD-BASED TRANSFORMER FOR COGNITIVE IMPAIRMENT DETECTION USING EEG** ..... 2016  
*Ruihan Qin, Zhenxi Song, Harbin Institute of Technology, Shenzhen, China; Huixia Ren, Shenzhen People's Hospital(The Second Clinical Medical College, Jinan University;The First Affiliated Hospital, Southern University of Science and Technology), China; Zian Pei, Southern University of Science and Technology, China; Lin Zhu, Xue Shi, Shenzhen People's Hospital(The Second Clinical Medical College, Jinan University;The First Affiliated Hospital, Southern University of Science and Technology), China; Yi Guo, Shenzhen People's Hospital(The Second Clinical Medical College, Jinan University;The First Affiliated Hospital, Southern University of Science and Technology); Shenzhen Bay Laboratory, China; Honghai Liu, Min Zhang, Zhiguo Zhang, Harbin Institute of Technology, Shenzhen, China*
- BISP #105: EMOTVR: A HYBRID MODEL TO ESTIMATE CONTINUOUS-TIME AND CONTINUOUS-LEVEL EMOTION FROM ELECTROENCEPHALOGRAPHY** ..... 2021  
*Xinxu Zhou, Harbin Institute of Technology, Shenzhen, China, China; Zhen Liang, Weishan Ye, Shenzhen University, Shenzhen, China, China; Junqi Xue, Honghai Liu, Min Zhang, Zhiguo Zhang, Harbin Institute of Technology, Shenzhen, China, China*
- BISP #106: CLINICAL SCORES PREDICTION AND MEDICATION ADJUSTMENT FOR COURSE OF PARKINSON'S DISEASE** ..... 2026  
*Han Chen, Wenxuan Wu, Xiaofen Xing, Xiangmin Xu, South China University of Technology, China*
- BISP #107: LEARNING A CONVEX PATCH-BASED SYNTHESIS MODEL VIA DEEP EQUILIBRIUM** ..... 2031  
*Stanislas Ducotterd, Sebastian Neumayer, Michael Unser, EPFL, Switzerland*

<b>BISP #108: A NEUROPHYSIOLOGICAL-AUDITORY “LISTEN RECEIPT” FOR</b>	<b>2036</b>
<b>COMMUNICATION ENHANCEMENT</b>	
<i>Christine Beauchene, Michael Brandstein, Thomas Quatieri, MIT Lincoln Laboratory, United States of America; Eric Thompson, Air Force Research Laboratory, United States of America; Christopher Smalt, MIT Lincoln Laboratory, United States of America</i>	
<b>BISP #109: TRANSFORMING CARDIOVASCULAR HEALTH: A TRANSFORMER-BASED</b>	<b>2041</b>
<b>APPROACH TO CONTINUOUS, NON-INVASIVE BLOOD PRESSURE ESTIMATION VIA RADAR SENSING</b>	
<i>Nastassia Vysotskaya, Noah Maul, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany; Alessandra Fusco, Souvik Hazra, Jens Harnisch, Infineon Technologies AG, Germany; Tomás Arias Vergara, Andreas Maier, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany</i>	
<b>BISP #110: MULTIMODAL BREATHING RATE ESTIMATION USING FACIAL MOTION</b>	<b>2046</b>
<b>AND RPPG FROM RGB CAMERA</b>	
<i>Migyeong Gwak, Korosh Vatanparvar, Li Zhu, Nafiul Rashid, Mohsin Ahmed, Jungmok Bae, Jilong Kuang, Alex Gao, Samsung Research America, United States of America</i>	
<b>BISP #111: A NEURAL SYNTAX PARSER FOR CORONARY ARTERY ANATOMICAL</b>	<b>2051</b>
<b>LABELING IN CORONARY CT ANGIOGRAPHY</b>	
<i>Chen Zhou, Lingjing Hu, Capital Medical University, Beijing, China, China</i>	
<b>BISP #112: ADAPTIVE MULTIVIEW COMMUNITY-PRESERVED GRAPH</b>	<b>2056</b>
<b>CONVOLUTIONAL NETWORK FOR MULTIATLAS-BASED FUNCTIONAL CONNECTIVITY ANALYSIS</b>	
<i>Wei Wang, Xingcan Hu, Li Xiao, University of Science and Technology of China, China; Yu-Ping Wang, Tulane University, United States of America</i>	
<b>BISP #113: AUGMENTING TRANSFORMER AUTOENCODERS WITH PHENOTYPE</b>	<b>2061</b>
<b>CLASSIFICATION FOR ROBUST DETECTION OF PSYCHOTIC RELAPSES</b>	
<i>Niki Efthymiou, George Retsinas, Panagiotis P. Filntisis, Athena Research and Innovation Center, Greece; Petros Maragos, National Technical University of Athens, Greece</i>	
<b>BISP #114: LOCALIZATION AND TRACKING OF GOLD NANOPARTICLES USING</b>	<b>2066</b>
<b>MMWAVE FMCW RADAR</b>	
<i>Yonathan Eder, Weizmann Institute of Science, Israel; Ravit Abel, Avi Schroeder, Technion – Israel Institute of Technology, Israel; Yonina Eldar, Weizmann Institute of Science, Israel</i>	
<b>BISP #115: MULTIMODAL IMAGING FEATURE EXTRACTION WITH REFERENCE</b>	<b>2071</b>
<b>CANONICAL CORRELATION ANALYSIS UNDERLYING INTELLIGENCE</b>	
<i>Ram Sapkota, Bishal Thapaliya, Pranav Suresh, Bhaskar Ray, Translational Research in Neuroimaging and Data Science (TReNDS)/Department of Computer Science, Georgia State University, Atlanta, USA, United States of America; Vince D. Calhoun, Translational Research in Neuroimaging and Data Science (TReNDS)/Department of Computer Science, Georgia State University, Atlanta, USA/School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, USA, United States of America; Jingyu Liu, Translational Research in Neuroimaging and Data Science (TReNDS)/Department of Computer Science, Georgia State University, Atlanta, USA, United States of America</i>	
<b>BISP #116: GRAPH-BASED PERMUTATION PATTERNS FOR THE ANALYSIS OF</b>	<b>2076</b>
<b>TASK-RELATED FMRI SIGNALS ON DTI NETWORKS IN MILD COGNITIVE IMPAIRMENT</b>	
<i>John Stewart Fabila Carrasco, Avalon Campbell-Cousins, University of Edinburgh, United Kingdom of Great Britain and Northern Ireland; Mario A. Parra-Rodriguez, University of Strathclyde, United Kingdom of Great Britain and Northern Ireland; Javier Escudero, University of Edinburgh, United Kingdom of Great Britain and Northern Ireland</i>	
<b>BISP #117: PATIENT-ADAPTIVE AND LEARNED MRI DATA UNDERSAMPLING USING</b>	<b>2081</b>
<b>NEIGHBORHOOD CLUSTERING</b>	
<i>Siddhant Gautam, Angqi Li, Saiprasad Ravishankar, Michigan State University, United States of America</i>	

<b>BISP #118: MULTI-SOURCE DOMAIN ADAPTATION WITH TRANSFORMER-BASED FEATURE GENERATION FOR SUBJECT-INDEPENDENT EEG-BASED EMOTION RECOGNITION</b>	<b>2086</b>
<i>Shadi Sartipi, Mujdat Cetin, University of Rochester, United States of America</i>	
<b>BISP #119: HEART RATE VARIABILITY ESTIMATION WITH DYNAMIC FINE FILTERING AND GLOBAL-LOCAL CONTEXT OUTLIER REMOVAL</b>	<b>2091</b>
<i>Ramesh Kumar Sah, Washington State University, United States of America; Md. Mahbubur Rahman, Viswam Nathan, Li Zhu, Jungmok Bae, Samsung Research America, United States of America; Christina Rosa, University of California, San Francisco, United States of America; Wendy Berry Mendes, Yale University, United States of America; Jilong Kuang, Alex Jun Gao, Samsung Research America, United States of America</i>	
<b>BISP #120: INDUCING INDUCTIVE BIAS IN VISION TRANSFORMER FOR EEG CLASSIFICATION</b>	<b>2096</b>
<i>Rabindra Khadka, Pedro Lind, Gustavo Mello, Oslomet University, Norway; Michael Riegler, Simulamet, Norway; Anis Yazidi, Oslomet University, Norway</i>	
<b>BISP #121: END-TO-END PERSONALIZED CUFF-LESS BLOOD PRESSURE MONITORING USING ECG AND PPG SIGNALS</b>	<b>2101</b>
<i>Suhas BN, Pennsylvania State University, United States of America; Rakshith Sharma Srinivasa, Yashas Malur Saidutta, Jaejin Cho, Ching-Hua Lee, Chouchang Yang, Yilin Shen, Hongxia Jin, Samsung Research America, United States of America</i>	
<b>BISP #122: DOMAIN GENERALIZATION WITH FOURIER TRANSFORM AND SOFT THRESHOLDING</b>	<b>2106</b>
<i>Hongyi Pan, Bin Wang, Zheyuan Zhang, Northwestern University, United States of America; Xin Zhu, University of Illinois Chicago, United States of America; Debesh Jha, Northwestern University, United States of America; Ahmet Enis Cetin, University of Illinois Chicago, United States of America; Concetto Spampinato, University of Catania, Italy; Ulas Bagci, Northwestern University, United States of America</i>	
<b>BISP #123: BALLISTOCARDIOGRAM-BASED HEART RATE VARIABILITY ESTIMATION FOR STRESS MONITORING USING CONSUMER EARBUDS</b>	<b>2111</b>
<i>David Lin, Georgia Institute of Technology, United States of America; Mahbubur Rahman, Li Zhu, Viswam Nathan, Jungmok Bae, Samsung Research of America, United States of America; Christina Rosa, Wendy Mendes, University of California, San Francisco, United States of America; Jilong Kuang, Alex Gao, Samsung Research of America, United States of America</i>	
<b>BISP #124: FEDKA: FEDERATED KNOWLEDGE AUGMENTATION FOR MULTI-CENTER MEDICAL IMAGE SEGMENTATION ON NON-IID DATA</b>	<b>2116</b>
<i>Yuhao Zhang, Harbin Institute of Technology, Shenzhen, China; Shaoming Duan, Peng Cheng Laboratory, China; Xinyu Zha, Jinhang Su, Peiyi Han, Chuanyi Liu, Harbin Institute of Technology, Shenzhen, China</i>	
<b>BISP #125: DE NOVO MOLECULE GENERATION WITH GRAPH LATENT DIFFUSION MODEL</b>	<b>2121</b>
<i>Conghao Wang, Hiok Hian Ong, Shunsuke Chiba, Jagath Rajapakse, Nanyang Technological University, Singapore</i>	
<b>BISP #126: A NOVEL DISCRETE FRACTIONAL COMPLEX HADAMARD TRANSFORM FOR MEDICAL IMAGE ENCRYPTION</b>	<b>2126</b>
<i>Zi-Chen Fan, Di Li, Northwestern Polytechnical University, China; Susanto Rahardja, Northwestern Polytechnical University, Singapore Institute of Technology, China</i>	
<b>BISP #127: SITUATIONAL SIGNAL PROCESSING WITH ECOLOGICAL MOMENTARY ASSESSMENT: LEVERAGING ENVIRONMENTAL CONTEXT FOR COCHLEAR IMPLANT USERS</b>	<b>2131</b>
<i>Taylor Lawson, John Hansen, The University of Texas at Dallas, United States of America</i>	
<b>BISP #128: FEDERATED LEARNING OF TENSOR GENERALIZED LINEAR MODELS WITH LOW SEPARATION RANK</b>	<b>2136</b>
<i>Jose Hoyos Sanchez, University of Central Florida, United States of America; Batoul Taki, Waheed Bajwa, Anand Sarwate, Rutgers University, United States of America</i>	

<b>BISP #129: SUBGROUP IDENTIFICATION THROUGH MULTIPLEX COMMUNITY STRUCTURE WITHIN FUNCTIONAL CONNECTIVITY NETWORKS</b>	<b>2141</b>
<i>Hanlu Yang, University of Maryland, Baltimore County, United States of America; Meiby Ortiz-Bouza, Michigan State University, United States of America; Trung Vu, Francisco Laport, University of Maryland, Baltimore County, United States of America; Vince Calhoun, Georgia State University/Georgia Institute of Technology/Emory University Center, United States of America; Selin Aviyente, Michigan State University, United States of America; Tulay Adali, University of Maryland, Baltimore County, United States of America</i>	
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<i>Dingding Ye, Rice University, United States of America; Charan Santhirasegaran, Columbia University, United States of America; Ryan Pai, Geneva Allen, Joseph Young, Rice University, United States of America</i>	
<b>BISP #131: LESION-AWARE OPEN SET MEDICAL IMAGE RECOGNITION WITH DOMAIN SHIFT</b>	<b>2151</b>
<i>Yiqian Xu, Fudan University, China; Rui-Wei Zhao, Fudan University, China; Rui Feng, Fudan University, China</i>	
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<i>Qiqi Xian, University of Science and Technology of China, China; Zhe Chen, New York University, United States of America</i>	
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<i>Xin Zhu, University of Illinois Chicago, United States of America; Hongyi Pan, Northwestern University, United States of America; Shuaiang Rong, Ahmet Enis Cetin, University of Illinois Chicago, United States of America</i>	
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<i>Yuanpin Zhou, Huogen Wang, Hithink RoyalFlush Information Network Co., Ltd., China; Yanfeng Bai, The First Affiliated Hospital, Zhejiang University School of Medicine, China; Yidong Wan, Chaohui Jin, Ming Chen, Hithink RoyalFlush Information Network Co., Ltd., China; Xiaodong Teng, The First Affiliated Hospital, Zhejiang University School of Medicine, China</i>	
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<i>Yudong Yang, Rongfeng Su, Xiaokang Liu, Nan Yan, Lan Wang, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China</i>	
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<i>Yuda Jin, Hangzhou Dianzi University, China; Weidong Chen, University of Science and Technology of China, China; Yuanhe Tian, University of Washington, United States of America; Yan Song, University of Science and Technology of China, China; Chenggang Yan, Hangzhou Dianzi University, China; Zhendong Mao, University of Science and Technology of China, China</i>	
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<i>Gang Liu, Hongyang Li, Zerui He, Harbin Engineering University, China; Shenjun Zhong, Monash University, Australia</i>	
<b>BISP #146: DO SELF-SUPERVISED SPEECH AND LANGUAGE MODELS EXTRACT SIMILAR REPRESENTATIONS AS HUMAN BRAIN?</b>	<b>2225</b>
<i>Peili Chen, ShanghaiTech University, China; Linyang He, University of Michigan, United States of America; Li Fu, Lu Fan, JD AI Research, China; Edward Chang, University of California San Francisco, United States of America; Yuanning Li, ShanghaiTech University, China</i>	
<b>BISP #147: DETECTION OF EPILEPTIC SEIZURES IN LONG EEG RECORDINGS USING AN ANOMALY DETECTOR WITH ARTIFACT REJECTION</b>	<b>2230</b>
<i>Kazi Mahmudul Hassan, Xuyang Zhao, Tokyo University of Agriculture Technology, Japan; Hidenori Sugano, Juntendo University School of Medicine, Japan; Toshihisa Tanaka, Tokyo University of Agriculture Technology, Japan</i>	
<b>BISP #148: JOINT SPATIO-TEMPORAL FILTERING OF MOTION IMAGERY EEG SIGNALS FOR DATA ALIGNMENT IN TRANSFER LEARNING</b>	<b>2235</b>
<i>Aimin Jiang, Shanshan Hou, Yibin Tang, Hohai University, China; Yanping Zhu, Changzhou University, China</i>	
<b>BISP #149: PATCH-LEVEL KNOWLEDGE DISTILLATION AND REGULARIZATION FOR MISSING MODALITY MEDICAL IMAGE SEGMENTATION</b>	<b>2240</b>
<i>Ruilin Wang, Xiongfei Li, Mingjie Tian, Feiyang Yang, Xiaoli Zhang, Jilin University, China</i>	
<b>BISP #150: LEARN FROM ZOOM: DECOUPLED SUPERVISED CONTRASTIVE LEARNING FOR WCE IMAGE CLASSIFICATION</b>	<b>2245</b>
<i>Kunpeng Qiu, Zhiying Zhou, Yongxin Guo, National University of Singapore, Singapore</i>	
<b>BISP #151: V-DDPM: MRI RICIAN NOISE REMOVAL MODEL BASED ON VST AND DDPM</b>	<b>2250</b>
<i>Yue Hu, Huiying Xu, Xinzhong Zhu, Negalign Wake Hundera, Zhejiang Normal University, China</i>	



<b>BISP #152: DEEP REGRESSION FOR BIOLOGICAL AGE ESTIMATION IN MULTIPLE ORGANS: INVESTIGATIONS ON 40,000 SUBJECTS OF THE UK BIOBANK</b>	<b>2255</b>
<i>Veronika Ecker, University of Stuttgart, Germany; Marcel Früh, University Hospital of Tübingen, Germany; Bin Yang, University of Stuttgart, Germany; Sergios Gatidis, Thomas Küstner, University Hospital of Tübingen, Germany</i>	
<b>BISP #153: CONTRMIX: PROGRESSIVE MIXED CONTRASTIVE LEARNING FOR SEMI-SUPERVISED MEDICAL IMAGE SEGMENTATION</b>	<b>2260</b>
<i>Meisheng Zhang, Beijing University of Posts and Telecommunications, China; Chenye Wang, Beijing Normal University, China; Wenxuan Zou, Beihang University, China; Xingqun Qi, The Hong Kong University of Science and Technology, China; Muyi Sun, Beijing University of Posts and Telecommunications, Institute of Automation, China; Wanting Zhou, Beijing University of Posts and Telecommunications, China</i>	
<b>BISP #154: MULTI-LABEL ABNORMALITY CLASSIFICATION FROM 12-LEAD ECG USING A 2D RESIDUAL U-NET</b>	<b>2265</b>
<i>Seorim Hwang, Jaebin Cha, Junyeong Heo, Intelligent Signal Processing Lab, Korea, Republic of; Sungpil Cho, MEZOO Co., Ltd., Korea, Republic of; Youngcheol Park, Intelligent Signal Processing Lab, Korea, Republic of</i>	
<b>BISP #155: TOWARDS DISEASE-AWARE SELF-SUPERVISED DYNAMIC BRAIN NETWORK LEARNING FOR MENTAL DIAGNOSIS</b>	<b>2270</b>
<i>Zhiyong Jin, Guangqi Wen, Peng Cao, Lingwen Liu, Jinzhu Yang, Northeastern University, China; Xinrong Zhu, Nanjing Medical University, China; Osmar Zaiane, University of Alberta, Canada; Fei Wang, Nanjing Medical University, China</i>	
<b>BISP #156: DELINEATION OF PROSTATE CANCER VIA ENHANCED AI-BASED ALGORITHM IN ULTRASOUND IMAGES</b>	<b>2275</b>
<i>Ruan Yiwen, Jin Rui, Liu Zhaorui, Soochow University, Suzhou, China, China; Wang Caishan, Second Affiliated Hospital of Soochow University, Suzhou, China, China; Zhang Lei, Duke Kunshan University, Kunshan, Jiangsu, China, China; Peng Tao, Soochow University, Suzhou, China, China</i>	
<b>BISP #157: RESIDUAL DENSE SWIN TRANSFORMER FOR CONTINUOUS DEPTH-INDEPENDENT ULTRASOUND IMAGING</b>	<b>2280</b>
<i>Jintong Hu, Hui Che, Zishuo Li, Wenming Yang, Tsinghua University, China</i>	
<b>BISP #158: PREDICTING RTMS TREATMENT EFFECTS USING OPEN-LOOP CONTROL AND NEURAL MANIFOLD</b>	<b>2285</b>
<i>Hongyu Shi, Kaizhong Zheng, Xi'an Jiaotong University, China; Huaning Wang, Baojuan Li, Fourth Military Medical University, China; Badong Chen, Xi'an Jiaotong University, China</i>	
<b>BISP #159: SRECT: MACHINE-SPECIFIC SPATIAL-RESOLUTION ENHANCEMENT IN COMPUTED TOMOGRAPHY</b>	<b>2290</b>
<i>Li Li, JancsiTech, China; Jiahui He, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences; School of Computer Science, Faculty of Science and Engineering, University of Nottingham Ningbo China, China; Yunxin Tang, Youjian Zhang, Jie Wang, JancsiTech, China; Guanqun Zhou, Zhicheng Zhang, JancsiTech; Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China</i>	
<b>BISP #160: A NOVEL MULTI-ATLAS FUSION MODEL BASED ON CONTRASTIVE LEARNING FOR FUNCTIONAL CONNECTIVITY GRAPH DIAGNOSIS</b>	<b>2295</b>
<i>Jiayu Zhang, Dexuan Xu, Yiwei Lou, Yu Huang, peking university, China</i>	
<b>BISP #161: 3D AUTOMATED QUANTITATIVE CALCULATIONS BASED ON CT IMAGES OF THE HIP JOINT</b>	<b>2300</b>
<i>Peng Du, Baijia Ni, Beijing Normal University, China; Xiaodong Ju, Peking University Third Hospital, China; Xingce Wang, Zhongke Wu, Gege Lou, Keying Hua, Beijing Normal University, China</i>	
<b>BISP #162: ENHANCING HEALTHCARE WITH EOG: A NOVEL APPROACH TO SLEEP STAGE CLASSIFICATION</b>	<b>2305</b>
<i>SUVADEEP MAITI, SHIVAM SHARMA, BAPI RAJU, INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY HYDERABAD, India</i>	

<b>BISP #163: AN ATTENTION-ENHANCED RETENTIVE BROAD LEARNING SYSTEM FOR SUBJECT-GENERIC EMOTION RECOGNITION FROM EEG SIGNALS</b>	<b>2310</b>
<i>Xiaolong Zhong, Fei Wu, Shanghai Jiao Tong University, China; Zhong Yin, University of Shanghai for Science and Technology, China; Gang Liu, Shanghai Jiao Tong University, China</i>	
<b>BISP #164: COUPLING SELF-SUPERVISED AND SUPERVISED CONTRASTIVE LEARNING FOR MULTIPLE CLASSIFICATION OF CERVICAL CYTOLOGICAL WHOLE SLIDE IMAGES</b>	<b>2315</b>
<i>Lang Wang, Peng Jiang, Wensi Duan, Wuhan University, China; Dehua Cao, Baochuan Pang, Landing Artificial Intelligence Center for Pathological Diagnosis, China; Juan Liu, Wuhan University, China</i>	
<b>BISP #165: ROBUST DECODING OF THE AUDITORY ATTENTION FROM EEG RECORDINGS THROUGH GRAPH CONVOLUTIONAL NETWORKS</b>	<b>2320</b>
<i>Siqi Cai, National University of Singapore, Singapore; Ran Zhang, South China University of Technology, China; Haizhou Li, The Chinese University of Hong Kong, Shenzhen, China</i>	
<b>BISP #166: A SUPERVISED INFORMATION ENHANCED MULTI-GRANULARITY CONTRASTIVE LEARNING FRAMEWORK FOR EEG BASED EMOTION RECOGNITION</b>	<b>2325</b>
<i>Xiang Li, Jian Song, Zhigang Zhao, Chunxiao Wang, Qilu University of Technology (Shandong Academy of Sciences), China; Dawei Song, Bin Hu, Beijing Institute of Technology, China</i>	
<b>BISP #167: MULTIMODAL SURVIVAL ENSEMBLE NETWORK: INTEGRATING GENOMIC AND HISTOPATHOLOGICAL INSIGHTS FOR ENHANCED CANCER PROGNOSIS</b>	<b>2330</b>
<i>Chenyi Zhou, Zhejiang University, China; Hualiang Wang, Xiaomeng Li, The Hong Kong University of Science and Technology, China; Wanlu Liu, Zuozhu Liu, Zhejiang University, China</i>	
<b>BISP #168: SELECTIVE DOMAIN-INVARIANT FEATURE FOR GENERALIZABLE DEEPFAKE DETECTION</b>	<b>2335</b>
<i>Yingxin Lai, Guoqing Yang, Xiamen University, China; Yifan He, Reconova Technologies Co., Ltd., China; Zhiming Luo, Shaozi Li, Xiamen University, China</i>	
<b>BISP #169: MULTI-TASK CASCADED ATTENTION NETWORK FOR BRAIN TUMOR SEGMENTATION AND CLASSIFICATION</b>	<b>2340</b>
<i>Gaoxiang Li, Ying Zhang, Yanlin Luo, Beijing Normal University, China</i>	
<b>BISP #170: GLAND SEGMENTATION VIA DUAL ENCODERS AND BOUNDARY-ENHANCED ATTENTION</b>	<b>2345</b>
<i>Huadeng Wang, Guilin University of Electronic Technology, Guangxi Key Laboratory of Image and Graphic Intelligent Processing, China; jiejiang Yu, Guilin University of Electronic Technology, China; Bingbing Li, Ganzhou Municipal Hospital, China; Xipeng Pan, Zhenbing Liu, Rushi Lan, Xiaonan Luo, Guilin University of Electronic Technology, Guangxi Key Laboratory of Image and Graphic Intelligent Processing, China</i>	
<b>BISP #171: COMPACT AND DE-BIASED NEGATIVE INSTANCE EMBEDDING FOR MULTI-INSTANCE LEARNING ON WHOLE-SLIDE IMAGE CLASSIFICATION</b>	<b>2350</b>
<i>Joohyung Lee, Heejeong Nam, Kwanhyung Lee, Sangchul Hahn, AITRICS, Korea, Republic of</i>	
<b>BISP #172: TD-GPT: TARGET PROTEIN-SPECIFIC DRUG MOLECULE GENERATION GPT</b>	<b>2355</b>
<i>Zhengda HE, Nanjing University, China Pharmaceutical University, China; Linjie Chen, Jiaying Xu, Hao Lv, Rui-ning Zhou, Jianhua Hu, Yadong Chen, China Pharmaceutical University, China; Yang Gao, Nanjing University, Nanjing, China</i>	
<b>BISP #173: A COMPLETE METHOD FOR THE 3D RECONSTRUCTION OF AXONAL PATHWAYS FROM 2 ORTHOGONAL 3D OCT IMAGES OF THE LAMINA CRIBROSA</b>	<b>2360</b>
<i>Nan Ding, Florence Rossant, Hélène Urien, Jérémie Sublime, Institut Supérieur d'Electronique de Paris (ISEP), France; Paul Bastelica, Christophe Baudouin, Hôpital des Quinze-Vingts, Paris, France, France; Michel Paques, Hôpital des Quinze-Vingts, France</i>	

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*Changsheng Ma, KAUST, Saudi Arabia; Taicheng Guo, Notre Dame, United States of America; Qiang Yang, Xiuying Chen, Xin Gao, KAUST, Saudi Arabia; Shangsong Liang, MBZUAI, United Arab Emirates; Nitesh Chawla, Xiangliang Zhang, Notre Dame, United States of America*

**Computational Imaging**

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*Yaping Zhao, Edmund Lam, The University of Hong Kong, Hong Kong*

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*Mingtao Huang, Ranhao Zhang, Xueming Li, Yuan Shen, Tsinghua University, China*

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*Wenbo Li, Zhipeng Mo, Yilin Shen, Hongxia Jin, Samsung Research America, United States of America*

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*Takumi Takabe, Yamaguchi University, Japan; Xian-Hua Han, Rikkyo University, Japan; Yen-Wei Chen, Ritsumeikan University, Japan*

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*Quanquan Xiao, Haiyan Jin, Haonan Su, Fengyuan Zuo, YuanLin Zhang, Zhaolin Xiao, Wang Bin, Xi'an University of Technology, China*

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*Yadong Li, Dongheng Zhang, Ruixu Geng, Jincheng Wu, Yang Hu, Qibin Sun, Yan Chen, University of Science and Technology of China, China*

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*Refaldi Putra, The University of Tokyo, Japan; Tatsuya Ishikawa, Michiaki Tatsubori, Naomi Simumba, IBM, Japan*

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*Wenwu Gong, Zhejun Huang, Lili Yang, Southern University of Science and Technology, China*

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<i>Chen-Bin Feng, Jie Zhang, Jiaxue Li, Yicong Zhou, University of Macau, Macao</i>	
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<i>Shijie Zhang, Boyan Jiang, Fudan University, China; Keke He, Junwei Zhu, Tencent, China; Ying Tai, Nanjing University, China; Chengjie Wang, Tencent, China; Yinda Zhang, Google, United States of America; Yanwei Fu, Fudan University, China</i>	
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<i>Denghui Yang, Yifan Ding, Hao Zhang, Yizhou Li, SiChuan University, China</i>	
<b>CI #16: SAM-DEBLUR: LET SEGMENT ANYTHING BOOST IMAGE DEBLURRING</b>	<b>2445</b>
<i>Siwei Li, Mingxuan Liu, Tsinghua University, China; Yating Zhang, Shu Chen, Beijing Xiaomi Mobile Software Co., Ltd., China; Haoxiang Li, Tsinghua University, China; Zifei Dou, Beijing Xiaomi Mobile Software Co., Ltd., China; Hong Chen, Tsinghua University, China</i>	
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<i>Qian Li, Rao Fu, Inria, Australia; Cheng Wen, The University of Sydney, Australia</i>	
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<i>Simon Welker, Tal Peer, Universität Hamburg, Germany; Henry N. Chapman, Deutsches Elektronen-Synchrotron DESY, Germany; Timo Gerkmann, Universität Hamburg, Germany</i>	
<b>CI #19: DEEP PLUG-AND-PLAY ALGORITHM FOR UNSATURATED IMAGING</b>	<b>2460</b>
<i>Jorge Bacca, Brayan Monroy, Henry Arguello, Universidad Industrial de Santander, Colombia</i>	
<b>CI #20: ITERATIVELY PRECONDITIONED GUIDANCE OF DENOISING (DIFFUSION) MODELS FOR IMAGE RESTORATION</b>	<b>2465</b>
<i>Tom Tirer, Bar-Ilan University, Israel</i>	
<b>CI #21: SCORE-BASED DIFFUSION MODELS FOR PHOTOACOUSTIC TOMOGRAPHY IMAGE RECONSTRUCTION</b>	<b>2470</b>
<i>Sreemanti Dey, Snigdha Saha, Berthy Feng, Manxiu Cui, Laure Delisle, Oscar Leong, Lihong Wang, Katherine Bouman, California Institute of Technology, United States of America</i>	
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<i>Yvette Lin, Angela Gao, Katherine Bouman, California Institute of Technology, United States of America</i>	
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<i>Jixuan Liang, Yanshan Li, Shenzhen University, China</i>	
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<i>Jiabao Li, Yuqi Li, Ciliang Sun, Chong Wang, Jinhui Xiang, Ningbo University, China</i>	
<b>CI #25: KD-FORMER: TRANSFORMER KNOWLEDGE DISTILLATION FOR IMAGE MATTING</b>	<b>2490</b>
<i>Ziwen Li, AI2Robotics, China; Bo Xu, Cheng Lu, XPENG, China</i>	
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<i>Shengli Yan, Yuan Rao, Wenhui Hou, Anhui Agricultural University, China</i>	
<b>CI #27: HYPERSPECTRAL IMAGE RECONSTRUCTION USING HIERARCHICAL NEURAL ARCHITECTURE SEARCH FROM A SNAPSHOT IMAGE</b>	<b>2500</b>
<i>Xian-Hua Han, Rikkyo University, Japan; Huiyan Jiang, Northeastern University, China; Yen-Wei Chen, Ritsumeikan University, Japan</i>	

<b>CI #28: PLUG-AND-PLAY ALGORITHM COUPLED WITH LOW-RANK QUADRATIC ENVELOPE REGULARIZATION FOR COMPRESSIVE SPECTRAL IMAGING</b>	<b>2505</b>
<i>Jorge Bacca, Universidad Industrial de Santander, Colombia; Marcus Carlsson, Lund University, Sweden; Brayan Monroy, Henry Arguello, Universidad Industrial de Santander, Colombia</i>	
<b>CI #29: SGM: A DATASET FOR 3D GARMENT RECONSTRUCTION FROM SINGLE HAND-DRAWN SKETCH</b>	<b>2510</b>
<i>Jia Chen, Jinlong Qin, Saishang Zhong, Kai Yang, Xinrong Hu, Tao Peng, Rui Li, Wuhan Textile University, China</i>	
<b>CI #30: IMAGE RESTORATION WITH GENERALIZED L2 LOSS AND CONVERGENT PLUG-AND-PLAY PRIOR</b>	<b>2515</b>
<i>Kartheek Kumar Reddy Nareddy, Abijith Jagannath Kamath, Chandra Sekhar Seelamantula, Indian Institute of Science, India</i>	
<b>CI #31: TEMPORALLY-GUIDED TOTAL VARIATION FOR ROBUST SPATIOTEMPORAL FUSION OF SATELLITE IMAGES</b>	<b>2520</b>
<i>Ryosuke Isono, Shunsuke Ono, Tokyo Institute of Technology, Japan</i>	
<b>CI #32: VARIATIONAL ANALYSIS OF ADVERSARIAL REGULARIZATION FOR SOLVING INVERSE PROBLEMS</b>	<b>2525</b>
<i>Abhishek Shreekanth Bhandiwad, Abijith Jagannath Kamath, Indian Institute of Science, India; Siddarth Asokan, Microsoft Research Lab India, India; Chandra Sekhar Seelamantula, Indian Institute of Science, India</i>	
<b>CI #33: SINGLE-PIXEL IMAGING OF DYNAMIC FLOWS USING NEURAL ODE REGULARIZATION</b>	<b>2530</b>
<i>Aleksei Sholokhov, University of Washington, United States of America; Joshua Rapp, Mitsubishi Electric Research Laboratories, United States of America; Saleh Nabi, Schneider Electric, United States of America; Steven Brunton, University of Washington, United States of America; J. Nathan Kutz, University of Washington, United States of America; Hassan Mansour, Mitsubishi Electric Research Laboratories, United States of America</i>	
<b>CI #34: TWO-EDGE-RESOLVED 3D NON-LINE-OF-SIGHT IMAGING: A FISHER INFORMATION EQUALIZED DISCRETIZATION</b>	<b>2535</b>
<i>Robinson Czajkowski, John Murray-Bruce, University of South Florida, United States of America</i>	
<b>CI #35: FUSION OF MULTI-RESOLUTION SEISMIC TOMOGRAPHY MAPS WITH PHYSICS-INFORMED PROBABILITY GRAPHICAL MODELS</b>	<b>2540</b>
<i>Zheng Zhou, Peter Gerstoft, University of California, San Diego, United States of America; Kim Olsen, San Diego State University, United States of America</i>	
<b>CI #36: PMDI: COMBINING PARAMETRIC-MODEL AND DEPTH-AWARE IMPLICIT FUNCTION FOR SINGLE-VIEW HUMAN RECONSTRUCTION</b>	<b>2545</b>
<i>Saishang Zhong, Jiashu Wang, Xinrong Hu, Wuhan Textile University, China</i>	
<b>CI #37: AN EFFICIENT ALGORITHM FOR CLUSTERED MULTI-TASK COMPRESSIVE SENSING</b>	<b>2550</b>
<i>Alexander Lin, Demba Ba, Harvard University, United States of America</i>	
<b>CI #38: DEEP LEARNING BASED SINGLE-SHOT PROFILOMETRY BY THREE-CHANNEL BINARY-DEFOCUSED PROJECTION</b>	<b>2555</b>
<i>Tianbo LIU, Songping Mai, Xiaoyu Wang, Tsinghua University, China</i>	
<b>CI #39: SELF-SUPERVISED SPATIALLY VARIANT PSF ESTIMATION FOR ABERRATION-AWARE DEPTH-FROM-DEFOCUS</b>	<b>2560</b>
<i>Zhuofeng Wu, Yusuke Monno, Masatoshi Okutomi, Tokyo Institute of Technology, Japan</i>	
<b>CI #40: FLARE-FREE VISION: EMPOWERING UFORMER WITH DEPTH INSIGHTS</b>	<b>2565</b>
<i>Yousef Kotp, Marwan Torki, Faculty of Engineering, Alexandria University, Egypt</i>	



<b>CI #41: REFLECTION REMOVAL USING RECURRENT POLARIZATION-TO-POLARIZATION NETWORK</b>	<b>2570</b>
<i>Wenjiao Bian, Yusuke Monno, Masatoshi Okutomi, Tokyo Institute of Technology, Japan</i>	
<b>CI #42: AN EFFICIENT TRANSFORMER FOR DEMOSAICING VIA COMPRESSED MULTI-BRANCH ATTENTION MECHANISM</b>	<b>2575</b>
<i>Xun Wu, School of Software, Tsinghua University, China; Fanqing Meng, Shanghai Jiao Tong University, China; Yaqi Wu, Jiawei Zhang, SenseTime, China; Feng Zhang, SenseTime, Shanghai AI Laboratory, China, China</i>	
<b>CI #43: TA2P: TASK-AWARE ADAPTIVE PRUNING METHOD FOR IMAGE CLASSIFICATION ON EDGE DEVICES</b>	<b>2580</b>
<i>Yanting Wang, Feng Li, Northwestern Polytechnical University, China; Han Zhang, China Unicom Research Institute, China</i>	
<b>CI #44: COORDINATE-BASED NEURAL NETWORK FOR FOURIER PHASE RETRIEVAL</b>	<b>2585</b>
<i>TINGYOU LI, ZIXIN XU, City University of Hong Kong, Hong Kong; Yong S. Chu, Xiaojing Huang, Brookhaven National Laboratory, United States of America; JIZHOU LI, City University of Hong Kong, Hong Kong</i>	
<b>CI #45: SPECTRO-SPATIAL HYPERSPECTRAL IMAGE RECONSTRUCTION FROM INTERFEROMETRIC ACQUISITIONS</b>	<b>2590</b>
<i>Daniele Picone, Mohamad Jouni, Mauro Dalla Mura, Grenoble INP - UGA, France</i>	

## Image, Video, and Multidimensional Signal Processing

<b>IVMSP #1: OPNET: DEEP OCCLUSION PERCEPTION NETWORK WITH BOUNDARY AWARENESS FOR AMODAL INSTANCE SEGMENTATION</b>	<b>2595</b>
<i>Shihui Zhang, Ziteng Xue, Yuhong Jiang, Houlin Wang, Yanshan University, China</i>	
<b>IVMSP #2: TOWARD QUANTIFIABLE FACE AGE TRANSFORMATION</b>	<b>2600</b>
<i>Ling Lin, Congcong Zhu, University of Science and Technology of China, China; Lin Zhou, East China Normal University, China; Jingrun Chen, University of Science and Technology of China, China</i>	
<b>IVMSP #3: IMFIT: NORMAL ESTIMATION VIA LEARNING NEURAL IMPLICIT SURFACE</b>	<b>2605</b>
<i>Rao FU, Inria, France; Cheng Wen, The University of Sydney, Australia; Qian Li, Inria, France</i>	
<b>IVMSP #4: SEMI-DECOUPLED 6D POSE ESTIMATION VIA MULTI-MODAL FEATURE FUSION</b>	<b>2610</b>
<i>Zhenhu Zhang, Zhejiang University, China; Xin Cao, Li Jin, Xueying Qin, Shandong University, China; Ruofeng Tong, Zhejiang University, China</i>	
<b>IVMSP #5: DAP: DOMAIN-AWARE PROMPT LEARNING FOR VISION-AND-LANGUAGE NAVIGATION</b>	<b>2615</b>
<i>Ting Liu, Yue Hu, Wansen Wu, National University of Defense Technology, China; Youkai Wang, National University of Defense Technology; Hunan Institute of Advanced Technology, China; Kai Xu, National University of Defense Technology, China; Quanjun Yin, National University of Defense Technology; Hunan Institute of Advanced Technology, China</i>	
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<i>Shansi Zhang, Edmund Y. Lam, The University of Hong Kong, China</i>	
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<i>Zhang Fengshuo, China University of Mining &amp; Technology, China; ,</i>	
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<i>Nanhao Liang, Hefei Institutes of Physical Science, Chinese Academy of Sciences. University of Science and Technology of China, China; Yong Liu, Hefei Institutes of Physical Science, Chinese Academy of Sciences., China; Wenfang Sun, Hefei Institutes of Physical Science, Chinese Academy of Sciences. University of Science and Technology of China, China; Yingwei Xia, Fan Wang, Hefei Institutes of Physical Science, Chinese Academy of Sciences., China</i>	
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<i>Frank Sippel, Nils Genser, Hannah Och, Jürgen Seiler, André Kaup, Friedrich-Alexander-University Erlangen-Nuremberg, Germany</i>	
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<i>Zi Wang, School of Computer Science and Technology, Anhui University, China; Huaibo Huang, MAIS &amp; CRIPAC, CASIA, China; Aihua Zheng, Chenglong Li, IMIS Laboratory of Anhui Province, Anhui Provincial Key Laboratory of MCC, Anhui University, China; Ran He, MAIS &amp; CRIPAC, CASIA, China</i>	
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<i>Ziqi He, Mengjia Xue, Yunhao Du, Zhicheng Zhao, Fei Su, Beijing University of Posts and Telecommunications, China</i>	
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<i>Hannah Och, Friedrich-Alexander Universität Erlangen-Nürnberg, Germany; Shabhrish Reddy Uddehal, Tilo Strutz, Coburg University of Applied Sciences and Arts, Germany; André Kaup, Friedrich-Alexander Universität Erlangen-Nürnberg, Germany</i>	
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<i>Ying Peng, Tongji University, China; Yihong Dong, Peking University, China; Muqiao Yang, Carnegie Mellon University, United States of America; Songtao Lu, IBM Thomas J. Watson Research Center, United States of America; Qingjiang Shi, Tongji University, China</i>	
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<b>MLSP #103: POLARDB: FORMULA-DRIVEN DATASET FOR PRE-TRAINING TRAJECTORY ENCODERS</b>	<b>5465</b>
<i>Sota Miyamoto, Tokyo Institute of Technology, Japan; Takuma Yagi, National Institute of Advanced Industrial Science and Technology (AIST), Japan; Yuto Makimoto, Mahiro Ukai, Tokyo Institute of Technology, Japan; Yoshitaka Ushiku, Atsushi Hashimoto, OMRON SINIC X Corporation, Japan; Nakamasa Inoue, Tokyo Institute of Technology, Japan</i>	
<b>MLSP #104: ENHANCING THE DOMAIN ROBUSTNESS OF SELF-SUPERVISED PRE-TRAINING WITH SYNTHETIC IMAGES</b>	<b>5470</b>
<i>Mohamad Hassan N C, Avigyan Bhattacharya, Indian Institute of Technology Bombay, India; Victor G. Turrissi da Costa, University of Trento, Italy; Biplab Banerjee, Indian Institute of Technology Bombay, India; Elisa Ricci, University of Trento, Italy</i>	
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<i>Yuxin Song, Baidu, China; Cheng Luo, Shenzhen University, China; Aaron Jackson, Dundee University, United Kingdom of Great Britain and Northern Ireland; Xi Jia, University of Birmingham, United Kingdom of Great Britain and Northern Ireland; Weicheng Xie, Linlin Shen, Shenzhen University, China; Hatice Gunes, University of Cambridge, United Kingdom of Great Britain and Northern Ireland; Siyang Song, University of Leicester / University of Cambridge, United Kingdom of Great Britain and Northern Ireland</i>	
<b>MLSP #106: ONE-STAGE TRAINING GENERATIVE PARADIGM FOR GENERALIZED ZERO-SHOT LEARNING</b>	<b>5480</b>
<i>Shiran Bian, xiamen university, China; Xiaofan Li, East China Normal University, China; Yachao Zhang, Tsinghua Shenzhen International Graduate School, Tsinghua University, China; Jiayong Zhong, state Grid Chongqing Electric Power Research Institute, China; Yanyun Qu, Xiamen university, China</i>	
<b>MLSP #107: MAXIMAL CODING RATE REDUCTION FOR GRAPH EMBEDDINGS</b>	<b>5485</b>
<i>Zhengyang Chi, Junbin Gao, The University of Sydney, Australia</i>	
<b>MLSP #108: BI-DIRECTIONAL MOTION ATTENTION WITH CONTRASTIVE LEARNING FOR FEW-SHOT ACTION RECOGNITION</b>	<b>5490</b>
<i>Hanyu Guo, Wanchuan Yu, Yan Yan, Hanzi Wang, Xiamen University, China</i>	
<b>MLSP #109: TRUSTED DEEP DOMAIN ADAPTATION WITH UNCERTAINTY MEASURE BASED ON EVIDENCE THEORY</b>	<b>5495</b>
<i>Ying Lv, Shanghai Artificial Intelligence Laboratory, China; Jianpeng Ma, Shanghai Artificial Intelligence Laboratory, Fudan University, China; Qilin Li, Shanghai Polytechnic University, China; Gang Xu, Shanghai Artificial Intelligence Laboratory, Fudan University, China</i>	
<b>MLSP #110: DEFENDING AGAINST CLEAN-IMAGE BACKDOOR ATTACK IN MULTI-LABEL CLASSIFICATION</b>	<b>5500</b>
<i>Cheng-Yi Lee, Cheng-Chang Tsai, Ching-Chia Kao, Chun-Shien Lu, Academia Sinica, Taiwan; Chia-Mu Yu, National Yang Ming Chiao Tung University, Taiwan</i>	
<b>MLSP #111: DATASET DISTILLATION WITH CHANNEL EFFICIENT PROCESS</b>	<b>5505</b>
<i>Wenbo Zhou, Guoqing Zheng, Xinghao Ding, School of Informatics, Xiamen University, China</i>	
<b>MLSP #112: VISUALLY DEHALLUCINATIVE INSTRUCTION GENERATION</b>	<b>5510</b>
<i>Sungguk Cha, Jusung Lee, Younghyun Lee, Cheoljong Yang, NCSoft, Korea, Republic of</i>	
<b>MLSP #113: TOWARDS RESOURCE-EFFICIENT AND SECURE FEDERATED MULTIMEDIA RECOMMENDATION</b>	<b>5515</b>
<i>Guohui Li, Xuanang Ding, Ling Yuan, Lu Zhang, Qian Rong, Huazhong University of Science and Technology, China</i>	
<b>MLSP #114: MULTI-TEACHER DISTILLATION FOR INCREMENTAL OBJECT DETECTION</b>	<b>5520</b>
<i>Le Jiang, Hongqiang Cheng, Xiaozhou Ye, Ye Ouyang, AsiaInfo Technologies (China), China</i>	

<b>MLSP #115: ENHANCING ADVERSARIAL TRANSFERABILITY IN OBJECT DETECTION WITH BIDIRECTIONAL FEATURE DISTORTION</b>	<b>5525</b>
<i>Xinlong Ding, Jiansheng Chen, Hongwei Yu, University of Science and Technology Beijing, China; Yu Shang, Tsinghua University, China; Huimin Ma, University of Science and Technology Beijing, China</i>	
<b>MLSP #116: FROM CONVOLUTIONAL SPARSE CODING TO *-NMF FACTORIZATION OF TIME-FREQUENCY COEFFICIENTS</b>	<b>5530</b>
<i>Jean-Baptiste Malagnoux, Matthieu Kowalski, Université Paris-Saclay, France</i>	
<b>MLSP #117: DIFFUSION OPTIMISTIC LEARNING FOR MIN-MAX OPTIMIZATION</b>	<b>5535</b>
<i>Haoyuan Cai, École Polytechnique Fédérale de Lausanne, Switzerland; Sulaiman A. Alghunaim, Kuwait University, Kuwait; Ali H. Sayed, École Polytechnique Fédérale de Lausanne, Switzerland</i>	
<b>MLSP #118: HIERARCHICAL VAE BASED SEMANTIC COMMUNICATIONS FOR POMDP TASKS</b>	<b>5540</b>
<i>Dezhao Chen, Wenhui Hua, Xiamen University, China; ,</i>	
<b>MLSP #119: HYPERGRAPH-ENHANCED SELF-SUPERVISED ROBUST GRAPH LEARNING FOR SOCIAL RECOMMENDATION</b>	<b>5545</b>
<i>Shiwei Liu, Yong Xu, Siliang Ma, South China University of Technology, China</i>	
<b>MLSP #120: ANOMALY DETECTION FROM A FREQUENCY PERSPECTIVE: M-BAND WAVELET PACKET ANOMALY DETECTION NETWORK</b>	<b>5550</b>
<i>Zuogang Shang, Zhibin Zhao, Shibin Wang, Ruqiang Yan, Xi'an Jiaotong University, China</i>	
<b>MLSP #121: FASTGAT: SIMPLE AND EFFICIENT GRAPH ATTENTION NEURAL NETWORK WITH GLOBAL-AWARE ADAPTIVE COMPUTATIONAL NODE ATTENTION</b>	<b>5555</b>
<i>Shenzhi Yang, Li Zhang, Xiaofang Zhang, Soochow University, China</i>	
<b>MLSP #122: URBAN TRAFFIC FLOW FORECASTING BASED ON SPATIAL-TEMPORAL GRAPH CONTRASTIVE LEARNING</b>	<b>5560</b>
<i>Lin Pan, Qianqian Ren, Heilongjiang University, China</i>	
<b>MLSP #123: INTERPRETING MEMORIZATION IN DEEP LEARNING FROM DATA DISTRIBUTION</b>	<b>5565</b>
<i>Likun Zhang, Jingwei Sun, Shoukun Guo, Fenghua Li, Institute of Information Engineering, Chinese Academy of Sciences, China, China; Jin Cao, School of Cyber Engineering, Xidian University, China; Ben Niu, Institute of Information Engineering, Chinese Academy of Sciences, China, China</i>	
<b>MLSP #124: JOINT INDSCAL DECOMPOSITION MEETS BLIND SOURCE SEPARATION</b>	<b>5570</b>
<i>Trung Thanh Le, Karim Abed-Meraim, Philippe Ravier, Olivier Buttelli, University of Orleans, France; Ales Holobar, University of Maribor, Slovenia</i>	
<b>MLSP #125: TENSORIAL CONVOLUTIVE BLIND SOURCE SEPARATION</b>	<b>5575</b>
<i>Trung Thanh Le, Karim Abed-Meraim, Philippe Ravier, Olivier Buttelli, University of Orleans, France; Ales Holobar, University of Maribor, Slovenia</i>	
<b>MLSP #126: LOCAL AND GLOBAL FEATURE ADAPTIVE ADJUSTMENT NETWORK FOR REMOTE SENSING IMAGE SCENE CLASSIFICATION</b>	<b>5580</b>
<i>Feng Cao, Chang Liu, Deyu Li, Yuhua Qian, Chao Zhang, Hu Zhang, Shanxi University, China, China</i>	
<b>MLSP #127: IRLSG: INVARIANT REPRESENTATION LEARNING FOR SINGLE-DOMAIN GENERALIZATION IN MEDICAL IMAGE SEGMENTATION</b>	<b>5585</b>
<i>Ziwei Niu, Hao Sun, Shuyi Ouyang, Shiao Xie, Zhejiang University, China; Yen-Wei Chen, Ritsumeikan University, China; Ruofeng Tong, Lanfen Lin, Zhejiang University, China</i>	
<b>MLSP #128: FEDERATED CINN CLUSTERING FOR ACCURATE CLUSTERED FEDERATED LEARNING</b>	<b>5590</b>
<i>Yuhao Zhou, Minjia Shi, Yuxin Tian, Sichuan University, China; Yuanxi Li, University of Illinois at Urbana-Champaign, United States of America; Qing Ye, Jiancheng Lv, Sichuan University, China</i>	

<b>MLSP #129: MICRO-EXPRESSION RECOGNITION BY FUSING ACTION UNIT DETECTION AND SPATIO-TEMPORAL FEATURES</b>	<b>5595</b>
<i>Lei Wang, Pinyi Huang, Central South University, China; Wangyang Cai, Changsha University of Science and Technology, China; Xiyao Liu, Central South University, China</i>	
<b>MLSP #130: MEAT: MEDIAN-ENSEMBLE ADVERSARIAL TRAINING FOR IMPROVING ROBUSTNESS AND GENERALIZATION</b>	<b>5600</b>
<i>Zhaozhe Hu, Jia-Li Yin, Bin Chen, Luojun Lin, Fuzhou University, China; Bo-Hao Chen, Yuan Ze University, China; Ximeng Liu, Fuzhou University, China</i>	
<b>MLSP #131: SIMMKD: SIMPLE MASK-FLOW KEYPOINT DETECTION FOR BOTH TYPHOON DETECTION AND TYPHOON EYE LOCATION</b>	<b>5605</b>
<i>Yunling Feng, Yang Lei, Xinjie Yang, Jian Xu, Xingxian Liu, Bo Xiao, Yajing Xu, Beijing University of Posts and Telecommunications, China</i>	
<b>MLSP #132: FEDERATED DATASET DICTIONARY LEARNING FOR MULTI-SOURCE DOMAIN ADAPTATION</b>	<b>5610</b>
<i>Fabiola Espinoza Castellon, Eduardo Fernandes Montesuma, Fred Ngolè Mboula, Aurélien Mayoue, Antoine Souloumiac, Cédric Gouy-Pailler, Université Paris-Saclay, CEA, List, F-91120 Palaiseau, France, France</i>	
<b>MLSP #133: BEYOND EMPIRICAL WINDOWING: AN ATTENTION-BASED APPROACH FOR TRUST PREDICTION IN AUTONOMOUS VEHICLES</b>	<b>5615</b>
<i>Minxue Niu, University of Michigan, United States of America; Zhaobo Zheng, Honda Research Institute USA, Inc., United States of America; Kumar Akash, Honda Research Institute USA, Inc., United States of America; Teruhisa Misu, Honda Research Institute USA, Inc., United States of America</i>	
<b>MLSP #134: MULTI-SOURCE DOMAIN ADAPTATION MEETS DATASET DISTILLATION THROUGH DATASET DICTIONARY LEARNING</b>	<b>5620</b>
<i>Eduardo Fernandes Montesuma, Fred Ngolè Mboula, Antoine Souloumiac, Université Paris-Saclay, CEA, List, F-91120 Palaiseau, France, France</i>	
<b>MLSP #135: DCS: DEBIASED CONTRASTIVE LEARNING WITH WEAK SUPERVISION FOR TIME SERIES CLASSIFICATION</b>	<b>5625</b>
<i>Rongyao Cai, Linpeng Peng, Zhengming Lu, Kexin Zhang, Yong Liu, Zhejiang University, China</i>	
<b>MLSP #136: A CONTRARIO PARADIGM FOR YOLO-BASED INFRARED SMALL TARGET DETECTION</b>	<b>5630</b>
<i>Alina Ciocarlan, ONERA - The French Aerospace Lab, France; Sylvie Le Hegarat-Masclé, Université Paris-Saclay, France; Sidonie Lefebvre, ONERA - The French Aerospace Lab, France; Arnaud Woiselle, Clara Barbanson, Safran Electronics &amp; Defense, France</i>	
<b>MLSP #137: RETAINING INFORMATIVE LATENT VARIABLES IN PROBABILISTIC SEGMENTATION</b>	<b>5635</b>
<i>Amaan Valiuddin, Christiaan Viviers, Ruud van Sloun, Peter de With, Fons van der Sommen, Eindhoven University of Technology, Netherlands</i>	
<b>MLSP #138: DOMAINDIFF: BOOST OUT-OF-DISTRIBUTION GENERALIZATION WITH SYNTHETIC DATA</b>	<b>5640</b>
<i>Qiaowei Miao, Junkun Yuan, Shengyu Zhang, Fei Wu, kun kuang, Zhejiang University, China</i>	
<b>MLSP #139: REGULARIZED CONDITIONAL ALIGNMENT FOR MULTI-DOMAIN TEXT CLASSIFICATION</b>	<b>5645</b>
<i>Juntao Hu, Yuan Wu, Jilin University, China</i>	
<b>MLSP #140: MODALITY RE-BALANCE FOR VISUAL QUESTION ANSWERING: A CAUSAL FRAMEWORK</b>	<b>5650</b>
<i>Xinpeng Lv, Wanrong Huang, Haotian Wang, Ruochun Jin, Xueqiong Li, Zhipeng Lin, Shuman Li, Yongquan Feng, Yuhua Tang, State Key Laboratory of High Performance Computing (HPCL), National University of Defense Technology, China, China</i>	

<b>MLSP #141: UNDERSTANDING PROBE BEHAVIORS THROUGH VARIATIONAL BOUNDS OF MUTUAL INFORMATION</b>	<b>5655</b>
<i>Kwanghee Choi, Jee-weon Jung, Shinji Watanabe, Carnegie Mellon University, United States of America</i>	
<b>MLSP #142: EC-NAS: ENERGY CONSUMPTION AWARE TABULAR BENCHMARKS FOR NEURAL ARCHITECTURE SEARCH</b>	<b>5660</b>
<i>Pedram Bakhtiarifard, Christian Igel, Raghavendra Selvan, University of Copenhagen, Denmark</i>	
<b>MLSP #143: FAVANO: FEDERATED AVERAGING WITH ASYNCHRONOUS NODES</b>	<b>5665</b>
<i>Louis Leconte, Sorbonne &amp; Huawei, France; Van Minh Nguyen, Huawei France, France; Eric Moulines, Ecole Polytechnique, France</i>	
<b>MLSP #144: ROBUSTNESS AGAINST ADVERSARIAL ATTACKS VIA LEARNING CONFINED ADVERSARIAL POLYTOPES</b>	<b>5670</b>
<i>Shayan Mohajer Hamidi, Linfeng Ye, University of Waterloo, Canada</i>	
<b>MLSP #145: MULTILINGUAL transliteration FOR PAN-INDIC KEYBOARD INPUT</b>	<b>5675</b>
<i>Jerome Bellegarda, Etsy, Inc., United States of America</i>	
<b>MLSP #146: WAVELET-INSPIRED MULTISCALE GRAPH CONVOLUTIONAL RECURRENT NETWORK FOR TRAFFIC FORECASTING</b>	<b>5680</b>
<i>Qipeng Qian, University of Arizona, United States of America; Tanwi Mallick, Argonne National Laboratory, United States of America</i>	
<b>MLSP #147: PROBABILISTIC SPIKE TRAIN INFERENCE</b>	<b>5685</b>
<i>Abhisek Chakraborty, Texas A&amp;M University, United States of America</i>	
<b>MLSP #148: SPCL-MER: SUPERVISED PROTOTYPICAL CONTRASTIVE LEARNING FOR MICRO-EXPRESSION RECOGNITION</b>	<b>5690</b>
<i>Xiqiao Fang, Qingfeng Wu, Lu Cao, Xiamen University, China</i>	
<b>MLSP #149: VIEWING WRITING AS VIDEO: OPTICAL FLOW BASED MULTI-MODAL HANDWRITTEN MATHEMATICAL EXPRESSION RECOGNITION</b>	<b>5695</b>
<i>Hanbo Cheng, Jun Du, Pengfei Hu, Jiefeng Ma, Zhenrong Zhang, Mobai Xue, University of Science and Technology of China, China</i>	
<b>MLSP #150: CONTINUOUS REVIEW AND TIMELY CORRECTION: ENHANCING THE RESISTANCE TO NOISY LABELS VIA SELF-NOT-TRUE DISTILLATION</b>	<b>5700</b>
<i>Jingyi Wang, Da Huang, National University of Defense Technology, China; Xinghao Wu, Beihang University, China; Yuhua Tang, Long Lan, National University of Defense Technology, China</i>	
<b>MLSP #151: CUBIC KNOWLEDGE DISTILLATION FOR SPEECH EMOTION RECOGNITION</b>	<b>5705</b>
<i>Zhibo Lou, Shinta Otake, Zhengxiao Li, Rei Kawakami, Nakamasa Inoue, Tokyo Institute of Technology, Japan</i>	
<b>MLSP #152: LEFORMER: A HYBRID CNN-TRANSFORMER ARCHITECTURE FOR ACCURATE LAKE EXTRACTION FROM REMOTE SENSING IMAGERY</b>	<b>5710</b>
<i>Ben Chen, Xuechao Zou, Yu Zhang, Jiayu Li, Qinghai University, China; Kai Li, Junliang Xing, Pin Tao, Tsinghua University, China</i>	
<b>MLSP #153: A FINE-GRAINED TRI-MODAL INTERACTION MODEL FOR MULTIMODAL SENTIMENT ANALYSIS</b>	<b>5715</b>
<i>Yuxing Zhi, Junhuai Li, Huaijun Wang, Jing Chen, Ting Cao, Xi'an University of Technology, China</i>	
<b>MLSP #154: THE SELECTIVITY AND COMPETITION OF THE MIND'S EYE IN VISUAL PERCEPTION</b>	<b>5720</b>
<i>Edward Kim, Drexel University, United States of America; Maryam Daniali, Children's Hospital of Philadelphia, United States of America; Jocelyn Rego, Drexel University, United States of America; Garrett Kenyon, Los Alamos National Laboratory, United States of America</i>	



<b>MLSP #155: FDNET: A NOVEL MULTIVARIATE TIME SERIES CLASSIFICATION MODEL THROUGH FUSING FEATURE AND DIFFERENCE</b>	<b>5725</b>
<i>Fei Gao, Luofeng Zhang, Yuanming Zhang, Zhejiang University of Technology, China</i>	
<b>MLSP #156: SCALABLE MODEL-BASED GAUSSIAN PROCESS CLUSTERING</b>	<b>5730</b>
<i>Anirban Chakraborty, Texas A&amp;M University, United States of America; Abhisek Chakraborty, Texas A &amp; M University, United States of America</i>	
<b>MLSP #157: MULTIVARIATE TIME SERIES FORECASTING WITH CAUSAL-TEMPORAL ATTENTION NETWORK</b>	<b>5735</b>
<i>Wenbo Liu, Yifan He, Fudan University, China; Jihong Guan, Tongji University, China; Shuigeng Zhou, Fudan University, China</i>	
<b>MLSP #158: ESA: EXPERT-AND-SAMPLES-AWARE INCREMENTAL LEARNING UNDER LONGTAIL DISTRIBUTION</b>	<b>5740</b>
<i>Jie Mei, Jenq-Neng Hwang, University of Washington, United States of America</i>	
<b>MLSP #159: TCNAS: TRANSFORMER ARCHITECTURE EVOLVING IN CODE CLONE DETECTION</b>	<b>5745</b>
<i>Hongyan Xu, University of New South Wales, Australia; Xiaohuan Pei, Xiu Su, University of Sydney, Australia; Shan You, SenseTime Research, China; Chang Xu, The University of Sydney, Australia, Australia</i>	
<b>MLSP #160: FINCGAN: A GAN FRAMEWORK OF IMBALANCED NODE CLASSIFICATION ON HETEROGENEOUS GRAPH NEURAL NETWORK</b>	<b>5750</b>
<i>Hung Chun Hsu, National Taiwan University and Academia Sinica, Taiwan; Ting-Le Lin, Bo-Jun Wu, National ChengChi University, Taiwan; Ming-Yi Hong, National Taiwan University and Academia Sinica, Taiwan; Che Lin, National Taiwan University, Taiwan; Chih-Yu Wang, Academia Sinica, Taiwan</i>	
<b>MLSP #161: ENHANCING AUDIO-VISUAL QUESTION ANSWERING WITH MISSING MODALITY VIA TRANS-MODAL ASSOCIATIVE LEARNING</b>	<b>5755</b>
<i>Kyu Ri Park, Youngmin Oh, Jung Uk Kim, Kyung Hee University, Korea, Republic of</i>	
<b>MLSP #162: AUTONOMOUS GENERATIVE FEATURE REPLAY FOR NON-EXEMPLAR CLASS-INCREMENTAL LEARNING</b>	<b>5760</b>
<i>Yinjie Zhang, Southeast University, China; Ming Shao, University of Massachusetts Dartmouth, United States of America; Wenlong Shi, Haifeng Xia, Siyu Xia, Southeast University, China</i>	
<b>MLSP #163: MVITP: MULTI-VIEW IMAGE-TEXT PERCEPTION FOR FEW-SHOT REMOTE SENSING IMAGE CLASSIFICATION</b>	<b>5765</b>
<i>Chen Yang, Tongtong Liu, Didi Jiao, Wenhui Li, Jilin University, China</i>	
<b>MLSP #164: SIMILARITY KNOWLEDGE DISTILLATION WITH CALIBRATED MASK</b>	<b>5770</b>
<i>Qi Wang, Wenxin Yu, Lu Che, Chang Liu, Zhiqiang Zhang, Southwest University of Science and Technology, China; Jun Gong, Southwest Automation Research Institute, China; Peng Chen, Chengdu Hongchengyun Technology Co., Ltd, China</i>	
<b>MLSP #165: OFFLINE REINFORCEMENT LEARNING BASED ON NEXT STATE SUPERVISION</b>	<b>5775</b>
<i>Jie Yan, Quan Liu, Lihua Zhang, Soochow University, China</i>	
<b>MLSP #166: A NOVEL CONTRASTIVE DIFFUSION GRAPH CONVOLUTIONAL NETWORK FOR FEW-SHOT SKELETON-BASED ACTION RECOGNITION</b>	<b>5780</b>
<i>Chao Wei, Zhidong Deng, Tsinghua University, China</i>	
<b>MLSP #167: 1-D SPATIAL ATTENTION IN BINARIZED CONVOLUTIONAL NEURAL NETWORKS</b>	<b>5785</b>
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<b>MLSP #324: GCIA: A BLACK-BOX GRAPH INJECTION ATTACK METHOD VIA GRAPH CONTRASTIVE LEARNING</b>	<b>6570</b>
<i>Xiao Liu, Jun-Jie Huang, Wentao Zhao, National University of Defense Technology, China</i>	
<b>MLSP #325: FILTER-ENHANCED HYPERGRAPH TRANSFORMER FOR MULTI-BEHAVIOR SEQUENTIAL RECOMMENDATION</b>	<b>6575</b>
<i>Zhufeng Shao, Key Laboratory of Computing Power Network and Information Security, Ministry of Education, Shandong Computer Science Center (National Supercomputer Center in Jinan), Qilu University of Technology (Shandong Academy of Sciences), Jinan, China, China; Shoujin Wang, University of Technology Sydney, Australia; Wenpeng Lu, Weiyu Zhang, Hongjiao Guan, Long Zhao, Key Laboratory of Computing Power Network and Information Security, Ministry of Education, Shandong Computer Science Center (National Supercomputer Center in Jinan), Qilu University of Technology (Shandong Academy of Sciences), Jinan, China, China</i>	
<b>MLSP #326: MULTIWAY-ADAPTER: ADAPTING MULTIMODAL LARGE LANGUAGE MODELS FOR SCALABLE IMAGE-TEXT RETRIEVAL</b>	<b>6580</b>
<i>Zijun Long, George Killick, Richard McCreadie, Gerardo Aragon Camarasa, The University of Glasgow, United Kingdom of Great Britain and Northern Ireland</i>	
<b>MLSP #327: GROUNDED-INSTRUCT-PIX2PIX: IMPROVING INSTRUCTION BASED IMAGE EDITING WITH AUTOMATIC TARGET GROUNDING</b>	<b>6585</b>
<i>Artur Shagidanov, Hayk Poghosyan, Picsart AI Research, Armenia; Xinyu Gong, University of Texas at Austin, Picsart AI Research, United States of America; Zhangyang Wang, Picsart AI Research, University of Texas at Austin, United States of America; Shant Navasardyan, Picsart AI Research, United States of America; Humphrey Shi, Picsart AI Research, Georgia Tech, United States of America</i>	
<b>MLSP #328: MEMORY-AUGMENTED ONLINE VIDEO ANOMALY DETECTION</b>	<b>6590</b>
<i>Leonardo Rossi, Vittorio Bernuzzi, Tomaso Fontanini, Massimo Bertozzi, Andrea Prati, University of Parma, Italy</i>	
<b>MLSP #329: STOCHASTIC CONFIGURATION NETWORKS FOR LABORATORY SEISMIC TIME-TO-FAILURE PREDICTION</b>	<b>6595</b>
<i>Yuanhang Qiu, China University of Mining and Technology, China</i>	
<b>MLSP #330: PERSONALIZED LOCAL DIFFERENTIALLY PRIVATE FEDERATED LEARNING WITH ADAPTIVE CLIENT SAMPLING</b>	<b>6600</b>
<i>Yizhou Chen, Wangjie Xu, Xincheng Wu, Meng Zhang, Zhejiang University, China; Bing Luo, Duke Kunshan University, China</i>	
<b>MLSP #331: PROMPTING LABEL EFFICIENCY IN FEDERATED GRAPH LEARNING VIA PERSONALIZED SEMI-SUPERVISION</b>	<b>6605</b>
<i>Qinghua Mao, Xi Lin, Shanghai Jiao Tong University, China; Xiu Su, The University of Sydney, Australia; Gaolei Li, Lixing Chen, Jianhua Li, Shanghai Jiao Tong University, China</i>	



<b>MLSP #332: SYNTHESIZING AB-PET VIA AN IMAGE AND LABEL CONDITIONING</b>	<b>6610</b>
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<i>Zaixin Ou, Yongsheng Pan, Yuanning Li, shanghaitech university, China; Fang Xie, Fudan University, China; Qihao Guo, Shanghai Jiao Tong University, China; Dinggang Shen, ShanghaiTech University, China</i>	
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<i>Minglang Qiao, Mai Xu, Shijie Wen, Lai Jiang, Shengxi Li, Tao Xu, Beihang University, China; Yunjin Chen, Alibaba Group, China; Leonid Sigal, University of British Columbia, Canada</i>	
<b>MLSP #334: SEMANTIC DISTILLATION AND STRUCTURAL ALIGNMENT NETWORK</b>	<b>6620</b>
<b>FOR FAKE NEWS DETECTION</b>	
<i>Shangdong Liu, Xiaofan Yue, Fei Wu, Jing Sun, Yujian Feng, Yimu Ji, Nanjing University of Posts and Telecommunications, China</i>	
<b>MLSP #335: PUSH4REC: TEMPORAL AND CONTEXTUAL TREND-AWARE</b>	<b>6625</b>
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<i>Chu-Chun Yu, National Taiwan University, Taiwan; Ming-Yi Hong, National Taiwan University and Academia Sinica, Taiwan; Chiok Yew Ho, Che Lin, National Taiwan University, Taiwan</i>	
<b>MLSP #336: PARETO GRAPH SELF-SUPERVISED LEARNING</b>	<b>6630</b>
<i>Zhengyu Chen, Westlake University, China; Teng Xiao, The Pennsylvania State University, United States of America; Donglin Wang, Min Zhang, Westlake University, China</i>	
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<i>Nishanth Shetty, Manikanta Bandla, Nishit Neema, Indian Institute of Science, India; Siddarth Asokan, Microsoft Research Lab India (MSRI), India; Chandra Sekhar Seelamantula, Indian Institute of Science, India</i>	
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<i>Zhe Zhang, Taketo Akama, Sony Computer Science Laboratories, Japan</i>	
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<i>Qingming Li, Research Institute of Artificial Intelligence, Zhejiang Lab, China; Xiaohang Li, Nanjing University of Aeronautics and Astronautics, China; Li Zhou, Xiaoran Yan, Research Institute of Artificial Intelligence, Zhejiang Lab, China</i>	
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<i>Masahiro Nakano, Ryohei Shibue, Kunio Kashino, NTT Communication Science Laboratories, Japan</i>	
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<i>Xu Wang, Kele Xu, Ting Yu, Bo Ding, Dawei Feng, National University of Defense Technology, China</i>	
<b>MLSP #342: IMPROVE DEEP FOREST WITH LEARNABLE LAYERWISE AUGMENTATION</b>	<b>6660</b>
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<i>Hongyu Zhu, Sichu Liang, Wentao Hu, Southeast University, China; Fang-Qi Li, Shanghai Jiao Tong University, China; Yali Yuan, Southeast University, China; Shi-Lin Wang, Shanghai Jiao Tong University, China; Guang Cheng, Southeast University, China</i>	
<b>MLSP #343: MOTION LATENT DIFFUSION FOR STOCHASTIC TRAJECTORY</b>	<b>6665</b>
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<i>Weishang Wu, Xiaoheng Deng, Central South University, China</i>	
<b>MLSP #344: ENHANCING CROSS-DOMAIN DETECTION: ADAPTIVE CLASS-AWARE</b>	<b>6670</b>
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<b>MLSP #345: COMMIN: SEMANTIC IMAGE COMMUNICATIONS AS AN INVERSE PROBLEM WITH INN-GUIDED DIFFUSION MODELS</b>	<b>6675</b>
<i>Jiakang Chen, Di You, Deniz Gündüz, Pier Luigi Dragotti, Imperial College London, United Kingdom of Great Britain and Northern Ireland</i>	
<b>MLSP #346: COMPLEX BOUNDED COMPONENT ANALYSIS: IDENTIFIABILITY AND ALGORITHM</b>	<b>6680</b>
<i>Jingzhou Hu, Kejun Huang, University of Florida, United States of America</i>	
<b>MLSP #347: FOLLOWING THE EMBEDDING: IDENTIFYING TRANSITION PHENOMENA IN WAV2VEC 2.0 REPRESENTATIONS OF SPEECH AUDIO</b>	<b>6685</b>
<i>Patrick Cormac English, Erfan A. Shams, University College Dublin, Ireland; John D. Kelleher, Maynooth University, Ireland; Julie Carson-Berndsen, University College Dublin, Ireland</i>	
<b>MLSP #348: TEMPORAL INCONSISTENCY-BASED ACTIVE LEARNING</b>	<b>6690</b>
<i>Tianjiao Wan, National University of Defense technology, China; Yutao Dou, Hunan University, China; Kele Xu, Zijian Gao, Bo Ding, Dawei Feng, Huaimin Wang, National University of Defense technology, China</i>	
<b>MLSP #349: DATA-SCARCE CONDITION MODELING REQUIRES MODEL-BASED PRIOR REGULARIZATION</b>	<b>6695</b>
<i>Nikolaus Mutsam, Alexander Fuchs, Fabio Ziegler, Franz Pernkopf, Graz University of Technology, Austria</i>	
<b>MLSP #350: GRADIENT REACTIVATION ENHANCED CAUSAL ATTENTION FOR OUT-OF-DISTRIBUTION GENERALIZABLE GRAPH CLASSIFICATION</b>	<b>6700</b>
<i>Xu Wang, Pengfei Gu, Yudong Zhang, Binwu Wang, Pengkun Wang, Yang Wang, University of Science and Technology of China, China</i>	
<b>MLSP #351: STS-CCL: SPATIAL-TEMPORAL SYNCHRONOUS CONTEXTUAL CONTRASTIVE LEARNING FOR URBAN TRAFFIC FORECASTING</b>	<b>6705</b>
<i>Lincan Li, University of New South Wales, Australia; Kaixiang Yang, South China University of Technology, China; Jichao Bi, Zhejiang Institute of Industry and Information Technology, China; Fengji Luo, The University of Sydney, Australia</i>	
<b>MLSP #352: EXTRINSIC VERSUS APP INFORMATION FEEDBACK IN TURBO VEP MU-MIMO RECEIVERS: OPTIMIZATION VIA DEEP UNFOLDING.</b>	<b>6710</b>
<i>Arthur Michon, Charly Poulliat, Toulouse-INP, France; Adam Mekhiche, Antonio Maria Cipriano, Thales SIX GTS, France</i>	
<b>MLSP #353: MULTI-ATTENTION ENHANCED DISCRIMINATOR FOR GAN-BASED ANOMALOUS SOUND DETECTION</b>	<b>6715</b>
<i>Shuxin Liu, Jiliang Li, Wei Ke, Xi'an Jiaotong University, China; Hao Yin, Tsinghua University, China</i>	
<b>MLSP #354: ADAPTIVE QUANTIZATION WITH MIXED-PRECISION BASED ON LOW-COST PROXY</b>	<b>6720</b>
<i>Junzhe Chen, Qiao Yang, Senmao Tian, Shunli Zhang, Beijing Jiaotong university, China</i>	
<b>MLSP #355: CONTRASTIVE DEEP NONNEGATIVE MATRIX FACTORIZATION FOR COMMUNITY DETECTION</b>	<b>6725</b>
<i>Yuecheng Li, Jialong Chen, Chuan Chen, Lei Yang, Zibin Zheng, Sun Yat-sen University, China</i>	
<b>MLSP #356: TOWARDS MULTI-DOMAIN FACE LANDMARK DETECTION WITH SYNTHETIC DATA FROM DIFFUSION MODEL</b>	<b>6730</b>
<i>Yuanming Li, Gwantae Kim, Jeonggi Kwak, Bon-hwa Ku, Hanseok Ko, Korea University, China</i>	
<b>MLSP #357: ENCLAP: COMBINING NEURAL AUDIO CODEC AND AUDIO-TEXT JOINT EMBEDDING FOR AUTOMATED AUDIO CAPTIONING</b>	<b>6735</b>
<i>Jaeyeon Kim, MAUM AI Inc.; Seoul National University, Korea, Republic of; Jaeyoon Jung, MAUM AI Inc.; Soongsil University, Korea, Republic of; Jinjoo Lee, MAUM AI Inc., Korea, Republic of; Sang Hoon Woo, Independent Researcher, Korea, Republic of</i>	

<b>MLSP #358: PECR: PARAMETER-EFFICIENT TRANSFER LEARNING WITH CROSS-MODAL REPRESENTATION LEARNING FOR REMOTE SENSING VISUAL QUESTION ANSWERING</b>	<b>6740</b>
<i>Pengfei Li, Jinlong He, Gang Liu, Harbin Engineering University, China; Shenjun Zhong, Monash University, Australia</i>	
<b>MLSP #359: CROSS-IMAGE DISTILLATION FOR SEMI-SUPERVISED SEMANTIC SEGMENTATION</b>	<b>6745</b>
<i>Nan Zhang, Fan Xiao, Junlin Hou, Rui-Wei Zhao, Fudan University, China; Xiaobo Zhang, Children's Hospital of Fudan University, National Children's Medical Center, China; Rui Feng, Fudan University, China</i>	
<b>MLSP #360: A NOVEL ARCHITECTURE OF DEEP FEATURE-BASED GAUSSIAN PROCESSES WITH AN ENSEMBLE OF KERNELS</b>	<b>6750</b>
<i>Yuanqing Song, Yuhao Liu, Petar Djuric, Stony Brook University, United States of America</i>	
<b>MLSP #361: CONTEXT-AWARE AND CONTRASTIVENESS-DRIVEN FEATURE LEARNING FOR CROSS-DOMAIN FEW-SHOT HYPERSPECTRAL IMAGE CLASSIFICATION</b>	<b>6755</b>
<i>Suhua Zhang, Fangming Zhong, Zhikui Chen, Dalian University of Technology, China</i>	
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<i>Zhendong Liu, Jie Zhang, Qiangqiang He, Chongjun Wang, Nanjing University, China</i>	
<b>MLSP #363: PASTE AND HARMONIZE VIA DENOISING: SUBJECT-DRIVEN IMAGE EDITING WITH FROZEN PRE-TRAINED DIFFUSION MODEL</b>	<b>6765</b>
<i>XIN ZHANG, JiaXian Guo, Paul Yoo, Yutaka Matsuo, Yusuke Iwasawa, The University of Tokyo, Japan</i>	
<b>MLSP #364: CROSS-LINGUAL LEARNING IN MULTILINGUAL SCENE TEXT RECOGNITION</b>	<b>6770</b>
<i>Jeonghun Baek, Yusuke Matsui, Kiyoharu Aizawa, The University of Tokyo, Japan</i>	
<b>MLSP #365: SUBNETWORK-TO-GO: ELASTIC NEURAL NETWORK WITH DYNAMIC TRAINING AND CUSTOMIZABLE INFERENCE</b>	<b>6775</b>
<i>Kai Li, Tsinghua University, China; Yi Luo, Tencent, China</i>	
<b>MLSP #366: FROM GAME THEORY TO VISUAL RECOGNITION: ADVANCING DNN ROBUSTNESS</b>	<b>6780</b>
<i>Zhendong Liu, Wenyu Jiang, Ming Guo, Chongjun Wang, Nanjing University, China</i>	
<b>MLSP #367: MUTUAL INFORMATION ASSISTED GRAPH CONVOLUTION NETWORK FOR COLD-START RECOMMENDATION</b>	<b>6785</b>
<i>Wenbo Wang, Harbin Institute of Technology, China; Ben Chen, Alibaba Group, China; Bingquan Liu, Harbin Institute of Technology, China; Xinxin Wang, Luwei Yang, Wen Jiang, Wei Ning, Alibaba Group, China; Jian Guan, Harbin Engineering University, China</i>	
<b>MLSP #368: FUSING MULTI-LEVEL FEATURES FROM AUDIO AND CONTEXTUAL SENTENCE EMBEDDING FROM TEXT FOR INTERVIEW-BASED DEPRESSION DETECTION</b>	<b>6790</b>
<i>Junqi Xue, Ruihan Qin, Xinxu Zhou, Honghai Liu, Min Zhang, Zhiguo Zhang, Harbin Institute of Technology, Shenzhen, China, China</i>	
<b>MLSP #369: PIXEL-SUPERPIXEL CONTRASTIVE LEARNING AND PSEUDO-LABEL CORRECTION FOR HYPERSPECTRAL IMAGE CLUSTERING</b>	<b>6795</b>
<i>Renxiang Guan, National University of Defense Technology, China; Zihao Li, Xianju Li, Chang Tang, China University of Geosciences, Wuhan, China</i>	

<b>MLSP #370: CLASS-WISE BUFFER MANAGEMENT FOR INCREMENTAL OBJECT DETECTION: AN EFFECTIVE BUFFER TRAINING STRATEGY</b>	<b>6800</b>
<i>Junsu Kim, Ulsan National Institute of Science and Technology, Korea, Republic of; Sumin Hong, Seoul National University of Science and Technology, Korea, Republic of; Chanwoo Kim, jihyeon Kim, Yihalem Yimolal Tiruneh, Ulsan National Institute of Science and Technology, Korea, Republic of; Jeongwan On, Chonnam National University, Korea, Republic of; jihyun song, Sunhwa choi, LG Electronics, Korea, Republic of; Seungryul Baek, Ulsan National Institute of Science and Technology, Korea, Republic of</i>	
<b>MLSP #371: CONTEXT-AWARE PREFERENCE LEARNING SYSTEM BASED ON DIRICHLET PROCESS GAUSSIAN MIXTURE MODEL</b>	<b>6805</b>
<i>Xianbo Xu, Bart van Erp, Eindhoven University of Technology, Netherlands; Tanya Ignatenko, GN Hearing, Netherlands</i>	
<b>MLSP #372: ON ESTIMATING LINK PREDICTION UNCERTAINTY USING STOCHASTIC CENTERING</b>	<b>6810</b>
<i>Puja Trivedi, Danai Koutra, University of Michigan, United States of America; Jayaraman J. Thiagarajan, Lawrence Livermore National Laboratory, United States of America</i>	
<b>MLSP #373: NAC: MITIGATING NOISY CORRESPONDENCE IN CROSS-MODAL MATCHING VIA NEIGHBOR AUXILIARY CORRECTOR</b>	<b>6815</b>
<i>Yuqing Li, Tsinghua University, China; Haoming Huang, University of Chinese Academy of Sciences, China; Jian Xu, Shaolun Huang, Tsinghua University, China</i>	
<b>MLSP #374: T-FOLEY: A CONTROLLABLE WAVEFORM-DOMAIN DIFFUSION MODEL FOR TEMPORAL-EVENT-GUIDED FOLEY SOUND SYNTHESIS</b>	<b>6820</b>
<i>Yoonjin Chung, Junwon Lee, Juhan Nam, KAIST, Korea, Republic of</i>	
<b>MLSP #375: EXPLORING THE UTILITY OF CLIP PRIORS FOR VISUAL RELATIONSHIP PREDICTION</b>	<b>6825</b>
<i>Rakshith Subramanyam, Arizona State University, United States of America; Jayram T. S., Rushil Anirudh, Jayaraman J. Thiagarajan, Lawrence Livermore National Laboratory, United States of America</i>	
<b>MLSP #376: T-ENFP: AN EFFICIENT TRANSFORMER ENCODER-BASED SYSTEM FOR DRIVING BEHAVIOR CLASSIFICATION</b>	<b>6830</b>
<i>Bin Guo, John Hansen, The University of Texas at Dallas, United States of America</i>	
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<i>Jinta Weng, Yifan Deng, Donghao Li, Hao You, Yue Hu, School of Cyber Security, University of Chinese Academy of Sciences, China; Heyan Huang, Beijing Institute of Technology, Southeast Academy of Information Technology, China</i>	
<b>MLSP #378: ANALYSIS OF THE MEMORIZATION AND GENERALIZATION CAPABILITIES OF AI AGENTS: ARE CONTINUAL LEARNERS ROBUST?</b>	<b>6840</b>
<i>Minsu Kim, Walid Saad, Virginia Tech, United States of America</i>	
<b>MLSP #379: TARGET LOCALIZATION BASED ON MULTISTATIC MIMO RADAR VIA DOUBLE COUPLED CANONICAL POLYADIC DECOMPOSITION</b>	<b>6845</b>
<i>Guo-Zhao Liao, Xiao-Feng Gong, Qiu-Hua Lin, School of Information and Communication Engineering, Dalian University of Technology, China., China</i>	
<b>MLSP #380: BEYOND SIMPLE TEXT STYLE TRANSFER: UNVEILING COMPOUND TEXT STYLE TRANSFER WITH PROMPT-BASED PRE-TRAINED LANGUAGE MODELS</b>	<b>6850</b>
<i>Shuai Ju, Chenxu Wang, Xi'an Jiaotong University, China</i>	
<b>MLSP #381: AN ADAPTIVE ALGORITHM FOR TRACKING THIRD-ORDER COUPLED CANONICAL POLYADIC DECOMPOSITION</b>	<b>6855</b>
<i>Xin-Tong Liu, Xiao-Feng Gong, Dong Zhao, Qiu-Hua Lin, Dalian University of Technology, China</i>	

<b>MLSP #382: KC-PROMPT: END-TO-END KNOWLEDGE-COMPLEMENTARY</b>	<b>6860</b>
<b>PROMPTING FOR REHEARSAL-FREE CONTINUAL LEARNING</b>	
<i>Yaowei Li, Peking University, China; Yating Liu, Tsinghua University, Tsinghua Shenzhen International Graduate School, China; Xuxin Cheng, Zhihong Zhu, Hongxiang Li, Bang Yang, Zhiqi Huang, Peking University, China</i>	
<b>MLSP #383: STABILITY OF GRAPH CONVOLUTIONAL NEURAL NETWORKS</b>	<b>6865</b>
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<i>Lucia Testa, Claudio Battiloro, Stefania Sardellitti, Sergio Barbarossa, Sapienza University of Rome, Italy</i>	
<b>MLSP #384: FIBA: FEDERATED INVISIBLE BACKDOOR ATTACK</b>	<b>6870</b>
<i>Lu Zhang, Huazhong University of Science and Technology, China; Baolin Zheng, Alibaba Group, China</i>	
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<i>William Watkins, Johns Hopkins University, United States of America; Heehwan Wang, Sangyoon Bae, Seoul National University, Korea, Republic of; Huan-Hsin Tseng, Brookhaven National Laboratory, United States of America; Jiook Cha, Seoul National University, Korea, Republic of; Samuel Yen-Chi Chen, Wells Fargo, United States of America; Shinjae Yoo, Brookhaven National Laboratory, United States of America</i>	
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<i>Jeremy Speth, University of Notre Dame, United States of America; Korosh Vatanparvar, Li Zhu, Jilong Kuang, Alex Gao, Samsung Research America, United States of America</i>	
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<b>NETWORKS</b>	
<i>Damian Owerko, Fernando Gama, Alejandro Ribeiro, University of Pennsylvania, United States of America</i>	
<b>MLSP #388: AV-SUPERB: A MULTI-TASK EVALUATION BENCHMARK FOR</b>	<b>6890</b>
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<i>Yuan Tseng, National Taiwan University, Taiwan; Layne Berry, University of Texas at Austin, United States of America; Yi-Ting Chen, Academia Sinica, Taiwan; I-Hsiang Chiu, Hsuan-Hao Lin, Max Liu, National Taiwan University, Taiwan; Puyuan Peng, The University of Texas at Austin, United States of America; Yi-Jen Shih, University of Texas at Austin, United States of America; Hung-Yu Wang, Haibin Wu, National Taiwan University, Taiwan; Po-Yao Huang, Meta AI, United States of America; Chun-Mao Lai, National Taiwan University, Taiwan; Shang-Wen Li, Meta AI, United States of America; David Harwath, The University of Texas at Austin, United States of America; Yu Tsao, Academia Sinica, Taiwan; Abdelrahman Mohamed, Rembrand, United States of America; Chi Luen Feng, Hung-yi Lee, National Taiwan University, Taiwan</i>	
<b>MLSP #389: DISCRIMINATIVE SEMI-SUPERVISED FEATURE SELECTION VIA A</b>	<b>6895</b>
<b>CLASS-CREDIBLE PSEUDO-LABEL LEARNING FRAMEWORK</b>	
<i>Xin Qi, Han Zhang, Feiping Nie, Northwestern Polytechnical University, China</i>	
<b>MLSP #390: A COMPARISON OF PARAMETER-EFFICIENT ASR DOMAIN ADAPTATION</b>	<b>6900</b>
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<i>Khe Chai Sim, Zhouyuan Huo, Tsendsuren Munkhdalai, Nikhil Siddhartha, Adam Stooke, Zhong Meng, Bo Li, Tara Sainath, Google, United States of America</i>	
<b>MLSP #391: DDI-COCO: A DATASET FOR UNDERSTANDING THE EFFECT OF COLOR</b>	<b>6905</b>
<b>CONTRAST IN MACHINE-ASSISTED SKIN DISEASE DETECTION</b>	
<i>Ming-Chang Chiu, Yingfei Wang, University of Southern California, United States of America; Yen-Ju Kuo, National Taiwan University Hospital, Taiwan; Pin-Yu Chen, IBM Research, Taiwan</i>	
<b>MLSP #392: CONVERGENT PLUG-AND-PLAY USING CONTRACTIVE DENOISERS</b>	<b>6910</b>
<i>Pravin Nair, Samsung Research Institute, Bengaluru, India; Kunal. N. Chaudhury, Indian Institute of Science, Bengaluru, India</i>	

<b>MLSP #393: TOWARDS BUILDING THE FEDERATEDGPT: FEDERATED INSTRUCTION TUNING</b>	<b>6915</b>
<i>Jianyi Zhang, Saeed Vahidian, Martin Kuo, Duke University, United States of America; Chunyuan Li, Microsoft Research, United States of America; Ruiyi Zhang, Tong Yu, Adobe Research, United States of America; Guoyin Wang, Amazon, United States of America; Yiran Chen, Duke University, United States of America</i>	
<b>MLSP #394: FAST APPROXIMATION OF THE GENERALIZED SLICED-WASSERSTEIN DISTANCE</b>	<b>6920</b>
<i>Dung Le, École Polytechnique, France; Huy Nguyen, Khai Nguyen, The University of Texas at Austin, United States of America; Trang Nguyen, VinAI Research, Viet Nam; Nhat Ho, The University of Texas at Austin, United States of America</i>	
<b>MLSP #395: MULTI-INTEREST LEARNING FOR MULTI-MODAL PAPER RECOMMENDATION</b>	<b>6925</b>
<i>Xiaoteng Shen, Liangcai Su, Xi Xiao, Yi Li, Tsinghua University, China</i>	
<b>MLSP #396: PERSONALIZED FEDERATED LEARNING WITH ATTENTION-BASED CLIENT SELECTION</b>	<b>6930</b>
<i>Zihan Chen, Jundong Li, Cong Shen, University of Virginia, United States of America</i>	
<b>MLSP #397: UNCERTAINTY-GUIDED CONTRASTIVE LEARNING FOR SINGLE SOURCE DOMAIN GENERALISATION</b>	<b>6935</b>
<i>Anastasios Arsenos, National Technical University of Athens, Greece; Dimitrios Kollias, Queen Mary University of London, United Kingdom of Great Britain and Northern Ireland; Evangelos Petrongonas, National Technical University of Athens, Greece; Christos Skliros, Hellenic Drones S.A., Greece; Stefanos Kollias, National Technical University of Athens, Greece</i>	
<b>MLSP #398: PHYSICS-GUIDED VARIATIONAL GRAPH AUTOENCODER FOR AIR QUALITY INFERENCE</b>	<b>6940</b>
<i>Esther Rodrigo Bonet, Nikos Deligiannis, Vrije Universiteit Brussel, Belgium</i>	
<b>MLSP #399: FRACTURE ASSEMBLY WITH SEGMENTATION AND ITERATIVE REGISTRATION</b>	<b>6945</b>
<i>Jinhyeok Kim, Inha Lee, Kyungdon Joo, Ulsan National Institute of Science and Technology, Korea, Republic of</i>	
<b>MLSP #400: HAROOD: HUMAN ACTIVITY CLASSIFICATION AND OUT-OF-DISTRIBUTION DETECTION WITH SHORT-RANGE FMCW RADAR</b>	<b>6950</b>
<i>Sabri Mustafa Kahya, Muhammet Sami Yavuz, Eckehard Steinbach, Technical University of Munich, Germany</i>	
<b>MLSP #401: PRIVACY PRESERVING FEDERATED LEARNING FROM MULTI-INPUT FUNCTIONAL PROXY RE-ENCRYPTION</b>	<b>6955</b>
<i>Xinyu Feng, Qingni Shen, Cong Li, Yuejian Fang, Zhonghai Wu, Peking University, China</i>	
<b>MLSP #402: AUDIO-JOURNEY: OPEN DOMAIN LATENT DIFFUSION BASED TEXT-TO-AUDIO GENERATION</b>	<b>6960</b>
<i>Jackson Michaels, Northwestern University, United States of America; Juncheng Li, Laura Yao, Lijun Yu, Carnegie Mellon University, United States of America; Zach Wood-Doughty, Northwestern University, United States of America; Florian Metze, Carnegie Mellon University, United States of America</i>	
<b>MLSP #403: NEURAL STOCHASTIC DIFFERENTIAL EQUATIONS WITH CHANGE POINTS: A GENERATIVE ADVERSARIAL APPROACH</b>	<b>6965</b>
<i>Zhongchang Sun, University at Buffalo, the State University of New York, United States of America; Yousef El-Laham, Svitlana Vyetrenko, J.P. Morgan, United States of America</i>	
<b>MLSP #404: MEPE: A MINIMALIST ENSEMBLE POLICY EVALUATION OPERATOR FOR DEEP REINFORCEMENT LEARNING</b>	<b>6970</b>
<i>Qiang He, Xinwen Hou, Institute of Automation, Chinese Academy of Sciences, Germany</i>	



<b>MLSP #405: VARIANCE REDUCTION CAN IMPROVE TRADE-OFF IN MULTI-OBJECTIVE LEARNING</b>	<b>6975</b>
<i>Heshan Fernando, Lisha Chen, Rensselaer Polytechnic Institute, United States of America; Songtao Lu, Pin-Yu Chen, Miao Liu, Subhajit Chaudhury, Keerthiram Murugesan, IBM Research, United States of America; Gaowen Liu, Cisco Systems, United States of America; Meng Wang, Tianyi Chen, Rensselaer Polytechnic Institute, United States of America</i>	
<b>MLSP #406: GENERALIZED MULTI-SOURCE INFERENCE FOR TEXT CONDITIONED MUSIC DIFFUSION MODELS</b>	<b>6980</b>
<i>Emilian Postolache, Giorgio Mariani, Sapienza University of Rome, Italy; Luca Cosmo, Ca' Foscari University of Venice, Italy; Emmanouil Benetos, Queen Mary University of London, United Kingdom of Great Britain and Northern Ireland; Emanuele Rodolà, Sapienza University of Rome, United Kingdom of Great Britain and Northern Ireland</i>	
<b>MLSP #407: CONFORMALIZED MULTIMODAL UNCERTAINTY REGRESSION AND REASONING</b>	<b>6985</b>
<i>Domenico Parente, Nastaran Darabi, Alex Stutts, Theja Tulabandhula, Amit Ranjan Trivedi, University of Illinois at Chicago, United States of America</i>	
<b>MLSP #408: DEEPPGRE: GLOBAL ROBUSTNESS EVALUATION OF DEEP NEURAL NETWORKS</b>	<b>6990</b>
<i>Tianle Zhang, Jiaxu Liu, Yanghao Zhang, Ronghui Mu, Wenjie Ruan, University of Liverpool, United Kingdom of Great Britain and Northern Ireland</i>	
<b>MLSP #409: GPT-4 DRIVEN CINEMATIC MUSIC GENERATION THROUGH TEXT PROCESSING</b>	<b>6995</b>
<i>Muhammad Taimoor Haseeb, Ahmad Hammoudeh, Gus Xia, Mohamed bin Zayed University of Artificial Intelligence (MBZUAI), United Arab Emirates</i>	
<b>MLSP #410: PRIORITIZING DATA ACQUISITION FOR END-TO-END SPEECH MODEL IMPROVEMENT</b>	<b>7000</b>
<i>Alkis Koudounas, Eliana Pastor, Politecnico di Torino, Italy; Giuseppe Attanasio, Bocconi University, Italy; Luca de Alfaro, University of California, Santa Cruz, United States of America; Elena Baralis, Politecnico di Torino, Italy</i>	
<b>MLSP #411: FIXED INTER-NEURON COVARIABILITY INDUCES ADVERSARIAL ROBUSTNESS</b>	<b>7005</b>
<i>Muhammad Shah, Bhiksha Raj, Carnegie Mellon University, United States of America</i>	
<b>MLSP #412: UNSUPERVISED MULTIPLE DOMAIN TRANSLATION THROUGH CONTROLLED DISENTANGLEMENT IN VARIATIONAL AUTOENCODER</b>	<b>7010</b>
<i>Antonio Almudévar, University of Zaragoza, Spain; Théo Mariotte, Le Mans Université, Spain; Alfonso Ortega, University of Zaragoza, Spain; Marie Tahon, Le Mans Université, Spain</i>	
<b>MLSP #413: ATTHEAR: EXPLAINING AUDIO TRANSFORMERS USING ATTENTION-AWARE NMF</b>	<b>7015</b>
<i>Alican Akman, Björn W. Schuller, Imperial College London, United Kingdom of Great Britain and Northern Ireland</i>	
<b>MLSP #414: KNOWLEDGE-BASED CONVOLUTIONAL NEURAL NETWORK FOR THE SIMULATION AND PREDICTION OF TWO-PHASE DARCY FLOWS</b>	<b>7020</b>
<i>Zakaria Elabid, Sorbonne university Abu Dhabi, United Arab Emirates; Daniel Busby, TotalEnergies, France; Abdenour Hadid, Sorbonne university Abu Dhabi, United Arab Emirates</i>	
<b>MLSP #415: COUNTING NETWORK FOR LEARNING FROM MAJORITY LABEL</b>	<b>7025</b>
<i>Kaito Shiku, Shinnosuke Matsuo, Kyushu university, Japan; Daiki Suehiro, Yokohama City University, Japan; Ryoma Bise, Kyushu university, Japan</i>	
<b>MLSP #416: PHYOT: PHYSICS-INFORMED OBJECT TRACKING IN SURVEILLANCE CAMERAS</b>	<b>7030</b>
<i>Kawisorn Kamtue, José Moura, Carnegie Mellon University, United States of America; Orathai Sangpetch, Carnegie Mellon University - CMKL, Thailand; Paulo Garcia, Chulalongkon University, Thailand</i>	

<b>MLSP #417: SPATIOTEMPORAL GROUP ANOMALY DETECTION VIA GRAPH TOTAL VARIATION ON TENSORS</b>	<b>7035</b>
<i>Mert Indibi, Selin Aiyente, Michigan State University, United States of America</i>	
<b>MLSP #418: AUGMENT ON MANIFOLD: MIXUP REGULARIZATION WITH UMAP</b>	<b>7040</b>
<i>Yousef El-Laham, Elizabeth Fons, J.P. Morgan AI Research, United States of America; Dillon Daudert, Stony Brook University, United States of America; Svitlana Vyetenko, J.P. Morgan AI Research, United States of America</i>	
<b>MLSP #419: GRAPH CONVOLUTIONAL NEURAL NETWORKS IN THE COMPANION MODEL</b>	<b>7045</b>
<i>John Shi, Shreyas Chaudhari, Jose Moura, Carnegie Mellon University, United States of America</i>	
<b>MLSP #420: IDENTIFYING ATTACK-SPECIFIC SIGNATURES IN ADVERSARIAL EXAMPLES</b>	<b>7050</b>
<i>Hossein Sour, Pirazh Khorramshahi, Chun Pong Lau, Johns Hopkins University, United States of America; Micah Goldblum, New York University, United States of America; Rama Chellappa, Johns Hopkins University, United States of America</i>	
<b>MLSP #421: FEDERATED LEARNING UNDER RESTRICTED USER AVAILABILITY</b>	<b>7055</b>
<i>Periklis Theodoropoulos, Konstantinos Nikolakakis, Dionysis Kalogieras, Yale University, United States of America</i>	
<b>MLSP #422: HMM-BASED CSI EMBEDDING FOR TRAJECTORY RECOVERY FROM RSS MEASUREMENTS OF NON-COOPERATIVE DEVICES</b>	<b>7060</b>
<i>Zheng Xing, Junting Chen, The Chinese University of Hong Kong, Shenzhen, China</i>	
<b>MLSP #423: SKIP-STEP CONTRASTIVE PREDICTIVE CODING FOR TIME SERIES ANOMALY DETECTION</b>	<b>7065</b>
<i>Kexin Zhang, Zhejiang University, China; Qingsong Wen, Chaoli Zhang, Liang Sun, Alibaba, United States of America; Yong Liu, Zhejiang University, China</i>	
<b>MLSP #424: GBSD: GENERATIVE BOKEH WITH STAGE DIFFUSION</b>	<b>7070</b>
<i>Jieren Deng, University of Connecticut, United States of America; Xin Zhou, Hao Tian, Zhihong Pan, Baidu USA, United States of America; Derek Aguiar, University of Connecticut, United States of America</i>	
<b>MLSP #425: SPECTRUMNET: SPECTRUM-BASED TRAJECTORY ENCODE NEURAL NETWORK FOR PEDESTRIAN TRAJECTORY PREDICTION</b>	<b>7075</b>
<i>Shaohua Liu, Yinglong Zhu, Beijing University of Posts and Telecommunications, China; Pengfei Yao, University of Chinese Academy of Sciences, China; Tianlu Mao, Zhaoqi Wang, Institute of Computing Technology Chinese Academy of Sciences, China</i>	
<b>MLSP #426: TEN-GUARD: TENSOR DECOMPOSITION FOR BACKDOOR ATTACK DETECTION IN DEEP NEURAL NETWORKS</b>	<b>7080</b>
<i>Khondoker Hossain, Tim Oates, University of Maryland Baltimore County, United States of America</i>	
<b>MLSP #427: A MACHINE-LEARNING MODEL FOR DETECTING DEPRESSION, ANXIETY, AND STRESS FROM SPEECH</b>	<b>7085</b>
<i>Mashrura Tasnim, Ramon Diaz Ramos, University of Alberta, Canada; Luis A. Trejo, Tecnologico de Monterrey, Mexico; Eleni Stroulia, University of Alberta, Canada</i>	
<b>MLSP #428: SEA-GNN: SEQUENCE EXTENSION AUGMENTED GRAPH NEURAL NETWORK FOR SEQUENTIAL RECOMMENDATION</b>	<b>7090</b>
<i>Geyunqian Zu, Shengjie Zhao, Jin Zeng, Shilong Dong, Zixuan Chen, Tongji University, China</i>	
<b>MLSP #429: HIGHER ORDER MULTIPLE GRAPH FILTERING FOR STRUCTURED GRAPH LEARNING</b>	<b>7095</b>
<i>Liang Du, Xiaodong Li, Shanxi university, China; Yan Chen, Sichuan university, China; Gui Yang, Shanxi university, China; Mian Ilyas Ahmad, National University of Sciences and Technology, Pakistan; Peng Zhou, Anhui university, China</i>	

<b>MLSP #430: THE POWER OF FEW: ACCELERATING AND ENHANCING DATA REWEIGHTING WITH CORESET SELECTION</b>	<b>7100</b>
<i>Mohammad Jafari, Sharif University of Technology, Iran (Islamic Republic of); Yimeng Zhang, Yihua Zhang, Sijia Liu, Michigan State University, United States of America</i>	
<b>MLSP #431: IMPROVING CONTINUAL LEARNING OF ACOUSTIC SCENE CLASSIFICATION VIA MUTUAL INFORMATION OPTIMIZATION</b>	<b>7105</b>
<i>Muqiao Yang, Carnegie Mellon University, United States of America; Umberto Cappellazzo, University of Trento, Italy; Xiang Li, Bhiksha Raj, Carnegie Mellon University, United States of America</i>	
<b>MLSP #432: GRAPH-ENHANCED HYBRID SAMPLING FOR MULTI-ARMED BANDIT RECOMMENDATION</b>	<b>7110</b>
<i>Fen Wang, Taihao Li, Wuyue Zhang, zhejiang lab, China; Xue Zhang, Shandong University of Science and Technology, China; Cheng Yang, Shanghai University of Electric Power, China</i>	
<b>MLSP #433: ENGINEERING THE NEURAL COLLAPSE GEOMETRY OF SUPERVISED-CONTRASTIVE LOSS</b>	<b>7115</b>
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<b>MLSP #434: SOURCE-FREE DOMAIN ADAPTATION FOR MILLIMETER WAVE RADAR BASED HUMAN ACTIVITY RECOGNITION</b>	<b>7120</b>
<i>Jin Liu, Dejiao Zeng, Central South University, China; Ludi Li, Xinjiang University, China; Hanhe Lin, University of Dundee, United Kingdom of Great Britain and Northern Ireland; Xu Tian, Central South University, China</i>	
<b>MLSP #435: USEE: UNIFIED SPEECH ENHANCEMENT AND EDITING WITH CONDITIONAL DIFFUSION MODELS</b>	<b>7125</b>
<i>Muqiao Yang, Carnegie Mellon University, United States of America; Chunlei Zhang, Yong Xu, Tencent AI Lab, United States of America; Zhongweiyang Xu, University of Illinois Urbana-Champaign, United States of America; Heming Wang, The Ohio State University, United States of America; Bhiksha Raj, Carnegie Mellon University, United States of America; Dong Yu, Tencent AI Lab, United States of America</i>	
<b>MLSP #436: INCOMPLETE MULTI-VIEW REPRESENTATION LEARNING THROUGH ANCHOR GRAPH-BASED GCN AND INFORMATION BOTTLENECK</b>	<b>7130</b>
<i>Zhenjiao Liu, Xiao Wang, Dalian University of Technology, France; Xiaodi Huang, Charles Sturt University, Australia; Guanlin Li, Institut Polytechnique de Paris, France; Ke Sun, Zhikui Chen, Dalian University of Technology, China</i>	
<b>MLSP #437: COMMUNICATION-EFFICIENT DECENTRALIZED DYNAMIC KERNEL LEARNING</b>	<b>7135</b>
<i>Ping Xu, The University of Texas Rio Grande Valley, United States of America; Yue Wang, Georgia State University, United States of America; Xiang Chen, Zhi Tian, George Mason University, United States of America</i>	
<b>MLSP #438: ENHANCED KPI ANOMALY DETECTION: AN UNSUPERVISED HYBRID MODEL WITH DYNAMIC THRESHOLD</b>	<b>7140</b>
<i>Yilin Wang, Tao Chen, Yuliang Tang, Lianfen Huang, Xiamen University, China</i>	
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<i>Yuwen Yang, Chang Liu, Xun Cai, Suizhi Huang, Hongtao Lu, Yue Ding, Shanghai Jiao Tong University, China</i>	
<b>MLSP #440: LEARNING DISENTANGLED SPEECH REPRESENTATIONS WITH CONTRASTIVE LEARNING AND TIME-INVARIANT RETRIEVAL</b>	<b>7150</b>
<i>Yimin Deng, University of Science and Technology of China, China; Huaizhen Tang, Xulong Zhang, Ning Cheng, Jing Xiao, Jianzong Wang, Ping An Technology (Shenzhen) Co., Ltd., China</i>	
<b>MLSP #441: BRIDGING THE DOMAIN GAP ARISING FROM TEXT DESCRIPTION DIFFERENCES FOR STABLE TEXT-TO-IMAGE GENERATION</b>	<b>7155</b>
<i>Tian Tan, Weimin Tan, Xuhao Jiang, Yueming Jiang, Bo Yan, Fudan University, China</i>	

<b>MLSP #442: DISTRIBUTED STOCHASTIC CONTEXTUAL BANDITS FOR PROTEIN DRUG INTERACTION</b>	<b>7160</b>
<i>Jiabin Lin, Karuna Anna Sajeevan, Bibek Acharya, Shana Moothedath, Ratul Chowdhury, Iowa State University, United States of America</i>	
<b>MLSP #443: GRAPH IDENTIFICATION AND UPPER CONFIDENCE EVALUATION FOR CAUSAL BANDITS WITH LINEAR MODELS</b>	<b>7165</b>
<i>Chen Peng, Di Zhang, Urbashi Mitra, University of Southern California, United States of America</i>	
<b>MLSP #444: DIB-X: FORMULATING EXPLAINABILITY PRINCIPLES FOR A SELF-EXPLAINABLE MODEL THROUGH INFORMATION THEORETIC LEARNING</b>	<b>7170</b>
<i>Changkyu Choi, UiT the Arctic University of Norway, Norway; Shujian Yu, Vrije Universiteit Amsterdam, Netherlands; Michael Kampffmeyer, UiT the Arctic University of Norway, Norway; Arnt-Børre Salberg, Norwegian Computing Center, Norway; Nils Olav Handegard, Norwegian Institute of Marine Research, Norway; Robert Jenssen, UiT the Arctic University of Norway, Norway</i>	
<b>MLSP #445: K-MEANS CLUSTERING BASED ON CHEBYSHEV POLYNOMIAL GRAPH FILTERING</b>	<b>7175</b>
<i>Liang Du, Yunhui Liang, Shanxi university, China; Mian Ilyas Ahmad, National University of Sciences and Technology, Pakistan; Peng Zhou, Anhui university, China</i>	
<b>MLSP #446: ADVERSARIAL DOMAIN ADAPTATION FOR CLASSIFICATION WITH NESTED DICHOTOMIES</b>	<b>7180</b>
<i>Akram Heidarizadeh, George Atia, University of Central Florida, United States of America</i>	
<b>MLSP #447: CLAF: CONTRASTIVE LEARNING WITH AUGMENTED FEATURES FOR IMBALANCED SEMI-SUPERVISED LEARNING</b>	<b>7185</b>
<i>Bowen Tao, Lan Li, Xin-Chun Li, De-Chuan Zhan, Nanjing University, China</i>	
<b>MLSP #448: STABLEMISS + : PREDICTION WITH INCOMPLETE DATA UNDER AGNOSTIC MASK DISTRIBUTION SHIFT</b>	<b>7190</b>
<i>Yichen Zhu, Bo Jiang, Shanghai Jiao Tong University, China</i>	
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<i>Meng Xu, University of Chinese Academy of Sciences, China; Bo Jiang, Nanjing Normal University, China; Wenqiang Pu, The Chinese University of Hong Kong, China; Ya-Feng Liu, Chinese Academy of Sciences, China; Anthony Man-Cho So, The Chinese University of Hong Kong, China</i>	
<b>MLSP #450: PHASE-SPACE-GUIDED DEEP LEARNING FOR TIME SERIES FORECASTING</b>	<b>7200</b>
<i>Jingze Lu, Kaijun Ren, Taikang Yuan, Wuxin Wang, National University of Defense Technology, China</i>	
<b>MLSP #451: SEQUENTIAL DETECTION OF ANOMALIES IN NOISY OUTPUTS OF AN UNKNOWN FUNCTION USING GAUSSIAN AND YULE-SIMON PROCESSES</b>	<b>7205</b>
<i>Liu Yang, Kurt Butler, Petar M. Djurić, Stony Brook University, United States of America</i>	
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<i>Binghan Chen, Jianlong Hu, Xiawu Zheng, Wei Lin, Fei Chao, Rongrong Ji, Xiamen University, China</i>	
<b>MLSP #453: SELF-SUPERVISED DUAL GENERATIVE NETWORKS FOR EDGE-PRESERVING IMAGE SMOOTHING</b>	<b>7215</b>
<i>Huiqing Qi, Shengli Tan, School of Mathematical Sciences, East China Normal University, China; Xiaoliu Luo, College of Science, Chongqing University of Technology, China</i>	
<b>MLSP #454: COMPARING AND COMBINING AUDIO PROCESSING AND DEEP LEARNING FEATURES FOR CLASSIFICATION OF HEARTBEAT SOUNDS</b>	<b>7220</b>
<i>Vinícius Araújo Rabello Landeira, Aeronautics Institute of Technology, Brazil; Jardel Oliveira Santos, Banco PAN, Brazil; Hitoshi Nagano, Getulio Vargas Foundation, Brazil</i>	

<b>MLSP #455: SELF-SUPERVISED PULSE-AWARE INTERPRETABLE DISENTANGLED ECG REPRESENTATION LEARNING</b>	<b>7225</b>
<i>Chun-Ti Chou, Vincent S. Tseng, National Yang Ming Chiao Tung University, Taiwan</i>	
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<i>Chenghao Li, Dake Chen, Yuke Zhang, Peter Beerel, University of Southern California, United States of America</i>	
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<b>MLSP #458: INCPROMPT: TASK-AWARE INCREMENTAL PROMPTING FOR REHEARSAL-FREE CLASS-INCREMENTAL LEARNING</b>	<b>7240</b>
<i>Zhiyuan Wang, Tsinghua University, China; Xiaoyang Qu, Jing Xiao, Ping An Technology (Shenzhen) Co., Ltd., China; Bokui Chen, Tsinghua University, China; Jianzong Wang, Ping An Technology (Shenzhen) Co., Ltd., China</i>	
<b>MLSP #459: ON THE CONVERGENCE OF HIERARCHICAL FEDERATED LEARNING WITH GRADIENT QUANTIZATION AND IMPERFECT TRANSMISSION</b>	<b>7245</b>
<i>Haofeng Sun, Hui Tian, Beijing University of Posts and Telecommunications, China; Wanli Ni, Tsinghua University, China; Jingheng Zheng, Beijing University of Posts and Telecommunications, China</i>	
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<i>Huaze Tang, Yuanquan Hu, Fanfan Zhao, Junji Yan, Ting Dong, Wenbo Ding, Tsinghua University, China</i>	
<b>MLSP #461: STAGE-REGULARIZED NEURAL STEIN CRITICS FOR TESTING GOODNESS-OF-FIT OF GENERATIVE MODELS</b>	<b>7255</b>
<i>Matthew Repasky, Georgia Institute of Technology, United States of America; Xiuyuan Cheng, Duke University, United States of America; Yao Xie, Georgia Institute of Technology, United States of America</i>	
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<i>Risako Tanigawa, Yasunori Ishii, Panasonic Holdings Corporation, Japan</i>	
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<i>Zhiyuan Wang, Tsinghua University, China; Xiaoyang Qu, Jing Xiao, Ping An Technology (Shenzhen) Co., Ltd., China; Bokui Chen, Tsinghua University, China; Jianzong Wang, Ping An Technology (Shenzhen) Co., Ltd., China</i>	
<b>MLSP #464: EXPLORING SELF-EXPLAINABLE STREET-LEVEL IP GEOLOCATION WITH GRAPH INFORMATION BOTTLENECK</b>	<b>7270</b>
<i>Kai Yang, Wenxin Tai, Zhenhui Li, Ting Zhong, Guangqiang Yin, University of Electronic Science and Technology of China, China; Yong Wang, Hong Kong University of Science and Technology, China; Fan Zhou, University of Electronic Science and Technology of China, China</i>	
<b>MLSP #465: SOURCE-FREE ONLINE DOMAIN ADAPTIVE SEMANTIC SEGMENTATION OF SATELLITE IMAGES UNDER IMAGE DEGRADATION</b>	<b>7275</b>
<i>Fahim Faisal Niloy, University of California, Riverside, United States of America; Kishor Kumar Bhaumik, Simon S. Woo, Sungkyunkwan University, Korea, Republic of</i>	
<b>MLSP #466: ENHANCING GAN PERFORMANCE THROUGH NEURAL ARCHITECTURE SEARCH AND TENSOR DECOMPOSITION</b>	<b>7280</b>
<i>Prasanna Reddy Pulakurthi, Mahsa Mozaffari, Sohail A. Dianat, Majid Rabbani, Jamison Heard, Rochester Institute of Technology, United States of America; Raghuveer Rao, DEVCOM Army Research Laboratory, United States of America</i>	



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<i>Oluwasegun Somefun, Stefan Lee, V John Mathews, Oregon State University, United States of America</i>	
<b>MLSP #468: ACCURATE INTERPOLATION OF SCATTERED DATA VIA LEARNING RELATION GRAPH</b>	<b>7290</b>
<i>Shizhe Ding, Boyang Xia, Jingyan Sui, Dongbo Bu, Institute of Computing Technology, Chinese Academy of Sciences, China</i>	
<b>MLSP #469: TENSOR-GUIDED INTERPOLATION FOR OFF-GRID POWER SPECTRUM MAP CONSTRUCTION</b>	<b>7295</b>
<i>Hao Sun, Junting Chen, Yuan Luo, The Chinese University of HongKong, Shenzhen, China</i>	
<b>MLSP #470: A SOUND APPROACH: USING LARGE LANGUAGE MODELS TO GENERATE AUDIO DESCRIPTIONS FOR EGOCENTRIC TEXT-AUDIO RETRIEVAL</b>	<b>7300</b>
<i>Andreea-Maria Oncescu, João F. Henriques, Andrew Zisserman, University of Oxford, United Kingdom of Great Britain and Northern Ireland; Samuel Albanie, University of Cambridge, United Kingdom of Great Britain and Northern Ireland; A. Sophia Koepke, University of Tübingen, Germany</i>	
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<i>Alejandro Parada-Mayorga, University of Pennsylvania, United States of America; Landon Butler, University of California Berkeley, United States of America; Alejandro Ribeiro, University of Pennsylvania, United States of America</i>	
<b>MLSP #472: A PARAMETERIZED GENERATIVE ADVERSARIAL NETWORK USING CYCLIC PROJECTION FOR EXPLAINABLE MEDICAL IMAGE CLASSIFICATIONS</b>	<b>7310</b>
<i>Xiangyu Xiong, Yue Sun, Macao Polytechnic University, Macao; Xiaohong Liu, Shanghai Jiao Tong University, China; Chan-Tong Lam, Macao Polytechnic University, Macao; Tong Tong, Fuzhou University, China; Hao Chen, Jiangsu JITRI Sioux Technologies Co., Ltd, China; Qinquan Gao, Fuzhou University, China; Wei Ke, Tao Tan, Macao Polytechnic University, Macao</i>	
<b>MLSP #473: GRAPH NETWORKS STAND STRONG: ENHANCING ROBUSTNESS VIA STABILITY CONSTRAINTS</b>	<b>7315</b>
<i>Zhe Zhao, Pengkun Wang, University of Science and Technology of China, China; Haibin Wen, Shaoguan University, China; Yudong Zhang, Binwu Wang, Yang Wang, University of Science and Technology of China, United States of America</i>	
<b>MLSP #474: ADAPTIVE SPATIAL-TEMPORAL HYPERGRAPH FUSION LEARNING FOR NEXT POI RECOMMENDATION</b>	<b>7320</b>
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<i>Rajdeep Dutta, Institute for Infocomm Research (I2R), A*STAR, Singapore; Qincheng Wang, Nanyang Technological University, Singapore; Ankur Singh, Institute for Infocomm Research (I2R), A*STAR, Singapore; Dhruv Kumarjiguda, Nanyang Technological University, Singapore; Li Xiaoli, Senthilnath Jayavelu, Institute for Infocomm Research (I2R), A*STAR, Singapore</i>	
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<i>Akash Sen, Indian Institute of Technology, Hyderabad, India; Pradyumna Pradhan, Ramunaidu Randhi, Indian Institute of Petroleum and Energy (IIPE), Visakhapatnam, India; Subrahmanya Sastry Challa, Indian Institute of Technology, Hyderabad, India</i>	
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<i>Jeongsoo Choi, Minsu Kim, Se Jin Park, Yong Man Ro, Korea Advanced Institute of Science and Technology, Korea, Republic of</i>	
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