time	Monday 15 November 2021	Tuesday 16 November 2021	Wednesday 17 November 2021	
	All times are in CET (Italian) timezone	CIBB Scientific Programme (v7)		No. No. No. No.
09:00	CIBB 2021 Welcome	Second day welcome	Third day welcome	CIBB 2021 the 17th International Conference on Computational Intelligence Methods for Bioinformatics and Biostatistics
09:10				for Bioinformatics and Biostatistics 15-17 November, 2021 online
	"Predicting medical complications in intensive care: early recognition of sepsis using machine learning" Karsten Borgwardt keynote	"Successful writing of bioinformatics grant proposals" Olaf Wolkenhauer keynote	"DOME: recommendations for supervised machine learning validation in biology" Dmytro Fishman keynote	
	main track:	neurodegenerative diseases session:	DOME session, main track:	
09:50	1 "A collaborative training approach for stress detection", Eleonora Ciceri	64 "Percolation-based Stability Analysis of Functional Connectivity in Mild Cognitive Impairment and Alzheimer's Disease", Angela Lombardi	20 "Deep Recurrent Neural Networks for Generating Synthetic Coronavirus Spike Protein Sequences", Lisa Crossman	http://www.isa.cnr.it/cibb2021/
10:10	14 "Topology-Aware Optimisation of Vaccination Strategy for Minimising Virus Spreading", Pietro Hiram Guzzi	12 "Peeking inside the box: transfer learning vs 3D convolutional neural networks applied in neurodegenerative diseases", Amira Soliman	61 "The need of standardised metadata to encode causal relationships: Towards safer data-driven machine learning biological solutions", Beatriz Garcia Santa Cruz	
10:30	53 "Integrating Decision Tree Learning on the Graph Database Neo4j to Analyze Clinical Data", Robert Heyer	54 "Impaired core networks and time-distant reconfiguration patterns in Alzheimer's disease", Kai Du	33 "Toward a standard formal semantic representation of the model card report", Muhammad Amith	Each number represents the article EasyChair #ID
10:50	57 "Camera-assisted Motor State Assessment of Patients with Parkinson's Disease", Vassilis Plagianakos	65 "Computer-aided diagnosis system for Alzheimer's disease using principal- component analysis and machine learning based approaches", Lilia Lazli	39 "Predictive modeling for Inflammatory Bowel Disease detection from endoscopic imaging", Marco Chierici	
11:10	47 "Table detection in text documents for extracting regulatory interaction from literature of regulation in bacteria", Axel Zagal-Norman	9 "Deep transfer learning for DTI- and MRI- based early diagnosis of cognitive decline and dementia ", Nitsa Herzog	48 "An alternative learning algorithm for tree augmented naive Bayes: an application to facial biotype classification", Gonzalo A. Ruz	keynote & invited speakers
11:30	"Interpretability methods for differential gene analysis of scRNA-seqclustering models", Ciortan Madalina	4 "Non-linear Clustering of Smell Clinic Data Reliably Differs Parkinson's Disease Patients and Healthy People", Tatiana Anuchina	67 "Deep Learning based Deblocking of Fourier Ptycographic images", Mattia Delli Priscoli	pause
11:50	5 "High-dimensional multi-trait GWAS by reverse prediction of genotypes using machine learning methods", Muhammad Ammar Malik	26 "Stratification of Parkinson's disease patients from the Fox Insight study", Anita Valmarska	32 "Towards Generating Synthetic Pathways for Object Detection", Joshua Thompson	chairs
12:10	7 "Identifying SNP associations and predicting disease risk from Genome-wide association studies using LassoNet", Hussain Sajwani	43 "Identifying prototype model patients in Amyotrophic Lateral Sclerosis patients at diagnosis through Archetypal Analysis", Isotta Trescato 51 "Inspecting Progression Trajectories in Amyotrophic Lateral Sclerosis using	22 "Automatic Plankton Detection and Classification on Raw Hologram with a Single Deep Learning Architecture", Romane Scherrer 28 "Using Machine Learning to Predict Reading Strategies from fNIRS Data",	
12:30		Process Mining", Erica Tavazzi	Matthew Campbell	
	"Cellular and gene signatures of tumor-infiltrating dendritic cells and natural-killer cells predict prognosis of neuroblastoma" Ombretta Melaiu keynote	15 "End-to-end facial landmark detection to characterise oro-facial impairments in neurological patients: towards innovative techniques for the assessment of dysarthria", Lucia Migliorelli	8 "Convolution and Fast Fourier Transform to Compare Symbol Sequences", Michael Sadovsky	
13:10	,			main track
	pause	pause	pause	"Towards standardizing machine learning in life sciences: the FAIR principles and the DOME recommendations" session
	main track:	neurogenerative session & modeling session	ML session & main track:	"Artificial intelligence and statistical methods for neurodegenerative diseases" session
14:00	18 "Cancer-IncRNA: A Database of IncRNAs exploring chromosomal linkages in human cancers", Gaurav Kumar Bhagat	37 "Specialized prognostic models based on disease progression patterns: predicting non-invasive ventilation in ALS patients stratified by progression rate", Andreia Martins	21 "A Machine Learning-Based Efficient Sepsis Detection Using Electronic Health Records", Kai-Cheng Hsu	"Modeling and simulation methods for computational biology and systems medicine" session
14:20	19 "Summarizing Global SARS–CoV–2 Geographical Spread by Phylogenetic Multitype Branching Models", Hao Chi Kiang	25 "A statistical analysis of multiple sclerosis risk factor interaction with Bayesian networks", Morghan Hartmann	40 "Linear regression modelling to assess the impact of socio-economic, demographic and health-related variables on wellbeing in the elderly population",	"Machine learning in healthcare informatics and medical biology" session
14:40			Isotta Trescato	
14.40	23 "Batch Effect Detection in RNA-Seq Data using Machine-Learning-Based Automated Assessment of Quality", Maximilian Sprang	16 "Knowledge Graph-based Neurodegenerative Diseases and Diet Relationship Discovery", Yi Nian	Isotta Trescato 42 "A statistical network method to identify relevant genes for pathway enrichment analysis", Giuseppe Agapito	
15:00	Automated Assessment of Quality", Maximilian Sprang 27 "Structural Classification of RNA Molecules using ASPRA Distance", Michela Quadrini	Discovery", Yi Nian 45 "In silico clinical trials for Relapsing-Remitting Multiple Sclerosis with MS TreatSim", Fianne Sips	Isota Trescato 42 *A statistical network method to identify relevant genes for pathway enrichment analysis*, Giuseppe Agapito 60 *Interlead Conversion of Single-Lead Blindy-Segmented Electrocardiogram Signals*, João Riberio Pinto	
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