



FINAL PROGRAM



Wednesday, Nov 17th

09:15 - 09:20	Opening Chairman Charles Bouveyron	Welcome	C. Bouveyron	Director 3IA Cote d'Azur	
09:20 - 09:30		Opening Ceremony	C.A. Ginesy	Territorial Authorities	
09:30 - 09:40		Opening address	J.Leonetti,		
09:40 - 09:45		Official Opening	A. Frackowiak-Jacobs	French Government	
09:45 - 10:05		Inaugural Talk	Renaud Vedel	Université Cote d'Azur	
10:05 - 10:35		Invited Talk	Noël Dimarcq	European Community, Vice President EurAI	AI made in Europe
10:35 - 10:50	Break				
10:50 - 11:30	AI & Health (1) Chairman Herve Delingette	Keynote Speech	Ourselin, Sebastien	King's College London	Learning across 16M patients: Platforms and applications in acute care
11:30 - 11:45		Contributed Paper H-1	Fortier Guillaume	Inetum	3D enhanced fall detection based on keypoints extraction from OpenPose
11:45 - 12:00		Contributed Paper H-2	Merlet Jean-Pierre	INRIA	Mixing IA and deterministic methods for the design of a transfer system for frail people
12:00 - 12:15		Contributed Paper H-3	Zoubeirou A Mayaki Mansour	I3S, MAASAI	Multiples inputs neural nets for Medicare fraud detection
12:15 - 13:45	Lunch Break				
13:45 - 14:15	AI & Health (2) Chairman Olivier Humbert	Invited Talk	Juliette Raffort	CHU Nice - 3IA Chair	Applications of artificial intelligence (AI) in vascular diseases.
14:15 - 14:30		Contributed Paper H-4	Longepierre Léa	Kiro Assistance publique - Hopitaux de Marseille	Prediction of severe COVID-19 among in-patients using lab results and comorbidities: a retrospective and observational study
14:30 - 14:45		Contributed Paper H-5	Broekaert Jan	SKEMA Business School	Probabilistic SIR-Epidemics and Control Scenarios on Artificial Social-Connection Networks.
14:45 - 15:00		Contributed Paper H-6	De Salvo Edmondo	Hewlett Packard Enterprise	Swarm learning for extremely distributed and privacy-preserving ML-based analytics in healthcare and life science
15:00 - 15:40	Keynote Lecture	Keynote Speech	Rossi, Francesca	IBM	Thinking Fast and Slow in AI.
15:40 - 16:00	Break				
16:00 - 16:30	Sustainable AI Chairman Olena Kushakovska	Invited Talk	Ricardo Vinuesa	KTH Engineering Mechanics, Stockholm	Artificial intelligence, computational fluid dynamics and sustainability
16:30 - 16:40		Invited Talk	Olena Kushakovska	ICAIR	ICAIR Sustainable AI Manifesto
16:40 - 17:30		Round Table	Moderator : Etienne Delhay	SCE	Challenges of Sustainable AI
17:30 - 17:45		Contributed Paper SU-1	Hugues Bersini	GREDEG - IRIDIA Bruxelles, Inria	Beyond algorithmic transparency: from explainable AI to social acceptability
17:45 - 18:00		Contributed Paper SU-2	Miralles Hugo	Université Cote d'Azur, Orange, CNRS, Inria, I3S	Communication-efficient Federated Learningthrough clustering optimization

Thursday, Nov 18th

09:00 - 09:40	Smart Territory, security & safety Chairman Pierre Alliez	Keynote Speech	Niessner, Matthias	Technische Universität München	The Revolution of Neural Rendering
09:40 - 10:10		Invited Talk	Daudet, Laurent	LightOn	Promises and challenges of massive-scale AI - the case of large language models.
10:10 - 10:40		Invited Talk	Monotobu Kanagawa	Eurecom - 3IA Chair	Causal inference with counterfactual mean embeddings
10:40 - 11:10		Break			
11:10 - 11:40		Invited Talk	Maria Zuluaga	Eurecom - 3IA Chair	Optimization Strategies for Multi-Task Learning Algorithms
11:40 - 11:55		Contributed Paper ST-1	Duran Léa	Atos, Hydrosiences Montpellier	Artificial intelligence for smart water management: Prediction of water level variations in aquifers
11:55 - 12:10		Contributed Paper ST-2	Tavakoli Amirhossein	Center for Applied Mathematics	Investigating the hybrid use of operations research and machine learning tools in the pump scheduling decision-making problem
12:10 - 12:25		Contributed Paper ST-3	Van Den Ende Martijn	Géoazur, Observatoire de la Cote d'Azur	Self-supervised detection and analysis of cars in roadside Distributed Acoustic Sensing data
12:25 - 12:40		Contributed Paper ST-4	Forceville Olivier	Hewlett Packard Enterprises	Smart Territory: Optimization of user experience in 5G network using AI
12:40 - 12:55		Contributed Paper ST-5	Gatti Pinheiro G.	Amadeus	Towards a Distributional Reinforcement Learning approach to Revenue Management
12:55 - 14:15	Lunch Break				

14:15 - 14:55	AI & Biology Chairman Ellen Van Obberghen-Schilling	Keynote Speech	Kreshuk, Anna	European Molecular Biology Laboratory, Heidelberg	Image segmentation for microscopy, with biological priors and a little training data
14:55 - 15:35		Keynote Speech	Moses, Alan	University of Toronto	Large-scale biological discovery with big data and machine learning
15:35 - 15:50		Contributed Paper B-1	Hladis Matej	Institute of Chemistry - Université Cote d'Azur	Odorant receptor ligand prediction via graph neural networks and representation learning
15:50 - 16:05		Contributed Paper B-2	Elazami Elhassani Merouane	IMGT, Atos	Deep Learning to predict the L-PART1 exon within immunoglobulins and T cell receptors
16:05 - 16:20	Break				
16:20 - 16:25	AI & Management Chairman Jonas Hoffmann	Introduction	Philippe Monin	Director, SKEMA Business School	SKEMA Announcement
16:25 - 17:00		Keynote Speech	Gans, Joshua	University of Toronto	AI adoption in real organizations
17:00 - 17:15		Contributed Paper M-1	Faizal Hafiz	SKEMA Business School	A Multi-criteria Approach to Evolve Parsimonious Neural Networks for Stock Market Forecasting
17:15 - 17:30		Contributed Paper M-2	Von Schenk Alicia	Goethe-University Frankfurt, Max Planck Institute for Human	Artificial Intelligence, Ethics, and Intergenerational Responsibility
17:30 - 17:45		Contributed Paper M-3	Repetto Marco	Universita' degli Studi di Milano-Bicocca	Explainable AI for Assessing SMEs Credit Default
17:45 - 18:00		Contributed Paper M-4	Huber David	Technical University of Munich	Innovation and the Asymptotic Rationality of Artificial Intelligence
18:00 - 18:15		Contributed Paper M-5	Sorin Nathan	SKEMA Business School	The augmented entrepreneur? The influence of artificial intelligence on human entrepreneurial creativity.
18:30 - 22:00	SOCIAL EVENT				

Friday, Nov 19th

08:30 - 09:00	AI Fundamentals Chairman Charles Bouveyron	Invited	Giovanni Neglia	Inria - 3IA Chair	Personalized Federated learning
09:00 - 09:30		Invited	Elena Cabrio	Université Cote d'Azur - 3IA Chair	AI and natural language
09:30 - 09:45		Contributed Paper F-1	Davide La Torre	SKEMA Business School	Combining Machine Training Algorithms and Multiple Criteria Decision Making: An Application to Digit Classification with Multiple Datasets
09:45 - 10:00		Contributed Paper F-2	Lopardo Gianluigi	Université Cote d'Azur, Inria, I3S, IBM	Explainable AI for automated decision-making in business
10:00 - 10:20		Break			
10:20 - 11:00		Keynote	Peyré, Gabriel	CNRS, ENS	Optimal Transport for AI
11:00 - 11:30		Invited	Pierre-Alexandre Mattel	Inria - 3IA Chair	How to deal with missing data in supervised deep learning?
11:30 - 11:45		Contributed Paper F-3	Shvets Anna	Inetum	Finetuning and evaluation of the constraint-based NLG models
11:45 - 12:00		Contributed Paper F-4	Vorakit Vorakitphan	Université Cote d'Azur, Inria, CNRS, I3S (France)	Investigating Semantic and Argumentative Features for Supervised Propagandist Message Detection and Classification
12:00 - 12:15		Contributed Paper F-5	Guyard Frederic	Orange Labs, Télécom SudParis	Spiking Neural Networks for Time Series Forecasting
12:15 - 13:45	Lunch Break				
13:45 - 14:45	Poster Session				
14:45 - 15:05	Closing Ceremony Chairman Stephane Descombes	Keynote	Lucilla Sioli	EC - AI and Digital Industry	European approach to Artificial Intelligence
15:05 - 15:10		Awards ceremony (poster)	Stéphane Descombes	Université Cote d'azur	
15:10 - 15:15		Awards ceremony (demo)			
15:15 - 15:20		Soph.J.A. Masters Award	Jean-Pierre Mascarelli	SYMISA	
15:20 - 16:00		Keynote	Bayen, Alexandre	UC Berkeley	Lagrangian control at large and local scales in mixed autonomy traffic flow
16:00 - 16:10		Concluding words	Charles Bouveyron	3IA - Université Cote d'Azur	
16:10		Adjourn			

