



Thursday, Nov 18th

Opening Chairman Frederic Precioso	9h00 - 9h30	Opening Ceremony	Janick Brisswalter, J.Leonetti		
	9h30 - 10h00	Invited Talk	Barry O'Sullivan	European Commission, High-Level Expert Group on AI	
	10h00 - 10h45	Inaugural Lecture	Michael Bronstein	Imperial College	
	10h45 - 11h00	Break			
AI & Health (1) Chairman Herve Delingette	11h00 - 11h40	Keynote	Michael Brady	Professor Emeritus Oxford University	
	11h40 - 11h55	Contributed Paper H1-1	Fanny Simoes	Université Côte d'Azur	Assessing the impact of short-term outdoor air pollution exposure on cardiac dyspnea: a case study of the Région Sud, south of France
	11h55 - 12h10	Contributed Paper H1-2	Juliette Raffort	Université Côte d'Azur	Automated segmentation of the vascular system using a hybrid approach combining expert system and supervised Deep Learning
	12h10 - 12h25	Contributed Paper H1-3	Stéphanie Lopez	Université Côte d'Azur	Can AI help organize systematic lung cancer screening for high risk patients?
AI & Health (2) Chairman Herve Delingette	14h00 - 14h40	Keynote	Vince Madai	Charity Hospital Berlin	
	14h40 - 15h20	Keynote	Olivier Clatz	Commissariat Général Investissement	
	15h20 - 15h45	Break			
	15h45 - 16h00	Contributed Paper H2-1	Irene Balelli	Inria Sophia Antipolis - Méditerranée	Generative model of heterogeneous federated multiview datasets
AI & Sustainability Moderator E. Delhay	16h00 - 16h15	Contributed Paper H2-2	Samuel Deslauriers-Gauthier	Inria Sophia Antipolis - Méditerranée	Predicting brain functional connectivity from structural connectivity using fully connected neural networks
	16h15 - 16h30	Contributed Paper H2-3	Renaud Schiappa	Centre Antoine Lacassagne	RUBY: an IA project to allow automatic structuration of electronic medical records for breast cancer patients
	16h30 - 17h00	Break			
	17h00 - 17h30	Invited Talk	Stefano Ermon	Stanford	
	17h30 - 18h15	Round Table	ICAIR	ena Kushakovska, Alexandra Brehier + un chercheur de l'Institut de la Mer.	

Thursday, Nov 19th

Smart Territory, security & safety Chairman Pierre Alliez	8h20 - 9h00	Keynote	Jean-Marie Bonnin	IMT Atlantique	
	9h00 - 9h30	Invited	Paola Goatin	Inria	
	9h30 - 9h45	Contributed Paper ST-1	Valentina Sessa	Mines ParisTech	AI for smart and climate resilient energy systems: the challenges of learning and forecasting hydropower production time-series at local and global scale in Europe.
	9h45 - 10h00	Contributed Paper ST-2	Matthieu Denoux	Centre de Mathématiques Appliquées - MINES ParisTech	Applying big data and statistics techniques to create urban archetypes for long-term modelling
	10h00 - 10h15	Contributed Paper ST-3	Dhekra Bousnina	Centre de Mathématiques Appliquées - MINES ParisTech	Multi-energy optimization in Smart Grids: a Deep Reinforcement Learning approach
	10h15 - 10h30	Contributed Paper ST-4	Rabab Akkouch	Centre de Mathématiques Appliquées - MINES ParisTech	Reducing energy consumption in buildings using Artificial Intelligence and behavioral change
Sustainable AI Chairman Laurent Pilati	10h30 - 10h45	Contributed Paper ST-5	Anthony Sladen	Géoazur	Unsupervised anomaly and object detection benchmark on Distributed Fiber-Optic Sensing technology
	10h45 - 11h00	Contributed Paper ST-6	Matthieu Denoux	Centre de Mathématiques Appliquées - MINES ParisTech	Using neural network to estimate the temperature in 2050 from urban land use and buildings evolution
	11h00 - 11h20	Break			
	11h20 - 11h50	Keynote	Pr. Dr. Christoph Meinel	HPI	
	11h50 - 12h05	Contributed Paper SU-1	Romain Sumert & al.	ACRI	Sargasso algae Detection using Satellite Images
	12h05 - 12h20	Contributed Paper SU-2	Anthony Hock-Koon, Yannick Devaux	Amadeus	Artificial Intelligence for Sustainable Flight Search
AI Fundamentals Chairman Charles Bouveyron	12h20 - 12h35	Contributed Paper SU-3	Frédéric Feresin	Thales Alenia Space	On board images processing using IA to reduce data transmission: example of OpsSat cloud detection
	12h35 - 12h50	Contributed Paper SU-4	Matthieu Da Silva-Filarder	Renault Software Labs	Anomaly Detection in heterogeneous multisensor systems
	14h00 - 14h40	Keynote	Stephane Canu	MESRI	
	14h40 - 15h10	Invited	Elena Di Bernardino	3IA	
	15h10 - 15h25	Contributed Paper F-1	Pierre-Alexandre Mattei	INRIA Sophia Antipolis	Deep generative models and their applications in missing data problems
	15h25 - 15h40	Contributed Paper F-2	Bamba Kane	ALTRAN	Joint Intent Detection and Slot Filling for Conversational AI
AI & Biology Chairman Ellen Van Obberghen-Schilling	15h40 - 15h55	Contributed Paper F-3	Marco Corneli	Bases, Corpus, Langage (UMR 7320 - UNS / CNRS)	Late fusion multi-channel CNN: An interpretable contextualization for deep linguistic analysis
	15h55 - 16h30	Break			
	16h30 - 16h45	Contributed Paper F-4	Aida Todri-Sanial	l'Informatique de Robotique et de Microélectronique de	Neuromorphic Computing based on Oscillatory Neural Networks
	16h45 - 17h15	Contributed Paper F-5	Othmane Marfoq	Inria & Accenture Technology Labs	Optimal Topology Design for Cross-Silo Federated Learning
	17h15 - 17h45	Contributed Paper F-6	Davide La Torre	SKEMA Artificial Intelligence Institute	Recent Results on Measure-Valued Images, Associated Fractal Transforms, and Total Variation Minimization
	17h45 - 18h00	Contributed Paper F-7	Jean-Claude Belfiore	Huawei Paris Research Center	Towards reasoning networks
AI & Management Chairman Jonas Hoffmann	18h00 - 18h15	Contributed Paper F-8	Elena Cabrio	Université Côte d'Azur	Yes, we can! Mining Arguments in 50 Years of US Presidential Campaign Debates

Friday, Nov 20th

AI & Biology Chairman Ellen Van Obberghen-Schilling	8h30 - 9h05	Keynote	Leopold Parts	Sanger Inst Cambridge	
	9h05 - 9h40	Keynote	Carolina Wahlby	Uppsala University, Sweden	
	9h40 - 10h15	Keynote	François Laviolette	Université Laval	
	10h20 - 10h40	Contributed Paper B-1	Zeinab Rekad	Institut de Biologie Valrose	Enhancing the analysis of cellular phenotypes and large imaging data sets with AI-based techniques
AI & Management Chairman Jonas Hoffmann	10h40 - 10h40	Contributed Paper B-2	José Lages	Institut UTINAM	Googolomics: the reduced Google matrix analysis applied to biological networks
	10h40 - 11h00	Break			
	11h00 - 11h30	Keynote	Dominique Boullier	Sciences Po	
	11h30 - 12h15	Round Table	Jonas Hoffmann		
Closing Ceremony Chairman Stéphane Descombes	12h15 - 12h30	Contributed Paper M-1	Justine Dima	Université Laval (Canada)	Artificial intelligence and decision making in human resources management: a systematic review
	12h30 - 12h45	Contributed Paper M-2	Stefano Triberti	University of Milan (Italy)	Integrating Multiple Criteria Decision Making and Artificial Intelligence: Some Recent Developments
	14h00 - 14h10	Awards ceremony (poster)	Stéphane Descombes		
	14h10 - 14h20	Awards ceremony (demo)	Stéphane Descombes		
	14h20 - 15h10	Closure Lecture	Philippe Beaudoin	Element AI	
	15h10 - 15h20	Conclusion	Gilles Floyrac		
	15h20 - 15h40	Concluding words	J.M. Gambaudo & Leonetti		
	15h40 - 15h30	Adjourn			

