

9h00 - 9h30	Opening Chairman Frederic Precioso	Janick Brisswalter J.Leonetti A. Frackowiak-jacobs		European Commission, High-level Expert Group on AI Imperial College	Opening ceremony
9h30 - 10h00		Barry O'Sullivan			
10h00 - 10h45		Michael Bronstein			
10h45 - 11h00	Break				
11h00 - 11h40	AI & Health (1) Chairman Herve Delingette	Michael Brady Professor Emeritus Oxford University			
11h40 - 11h55		Fanny Simoes Université Côte d'Azur		Assessing the impact of shorter term outdoor air pollution exposure on cardiac dyspnea: a case study of the Region Sud, south of France	
11h55 - 12h10		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		Stéphanie Lopez Université Côte d'Azur		Can AI help organize systematic lung cancer screening for high risk patients?	
14h00 - 14h40	AI & Health (2) Chairman Herve Delingette	Vince Madai Charity Hospital Berlin			
14h40 - 15h20		Olivier Clatz Commissariat Général Investissement			
15h20 - 15h45					
15h45 - 16h00		Irene Balelli Inria Sophia Antipolis - Méditerranée		Generative model of heterogeneous federated multiview datasets	
16h00 - 16h15		Samuel Deslauriers-Gauthier Inria Sophia Antipolis - Méditerranée		Predicting brain functional connectivity from structural connectivity using fully connected neural networks	
16h15 - 16h30	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	AI & Sustainability Moderator E. Delhaye	Stefano Ermon Stanford		Measuring Economic Development from Space with Machine Learning	
17h30 - 18h15		ICAIR		Can AI sail to be Sustainable ? Feat: Gilles Floyrac, Olena Kushakovska, Alexandra Brehier, Lionel Guidi, Philippe Bardey, Nozha Boujemaa	

8h20 - 9h00	Smart Territory, security & safety Chairman Pierre Alliez	Jean-Marie Bonnin	IMT Atlantique	
9h00 - 9h30		Paola Goatin	Inria	<i>Data driven traffic management</i>
9h30 - 9h45		Valentina Sessa	Mines ParisTech	<i>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.</i>
9h45 - 10h00		Matthieu Denoux	MINES ParisTech	<i>Applying big data and statistics techniques to create urban archetypes for long-term modelling</i>
10h00 - 10h15		Dhekra Bousnina	MINES ParisTech	<i>Multi-energy optimization in Smart Grids: a Deep Reinforcement Learning approach</i>
10h15 - 10h30		Rabab Akkouche	MINES ParisTech	<i>Reducing energy consumption in buildings using Artificial Intelligence and behavioral change</i>
10h30 - 10h45		Anthony Sladen	Géoazur	<i>Unsupervised anomaly and object detection benchmark on Distributed Fiber-Optic Sensing technology</i>
10h45 - 11h00		Matthieu Denoux	MINES ParisTech	<i>Using neural network to estimate the temperature in 2050 from urban land use and buildings evolution</i>
11h00 - 11h20	Break			
11h20 - 11h50	Sustainable AI Chairman Laurent Pilati	Pr. Dr. Christoph Meinel	HPI	<i>Binary Neuronal Networks – a Contribution to the clean-IT Initiative</i>
11h50 - 12h05		Romain Sumerot & al.	ACRI	<i>Sargasso algae Detection using Satellite Images</i>
12h05 - 12h20		Anthony Hock-Koon, Yannick Devaux	Amadeus	<i>Artificial Intelligence for Sustainable Flight Search</i>
12h20 - 12h35		Frédéric Feresin	Thales Alenia Space	<i>On board images processing using IA to reduce data transmission: example of OpsSat cloud detection</i>
12h35 - 12h50		Matthieu Da Silva-Filarder	Renault Software Labs	<i>Anomaly Detection in heterogeneous multisensor systems</i>
14h00 - 14h40	AI Fundamentals Chairman Charles Bouveyron	Stephane Canu	MESRI	
14h40 - 15h10		Elena Di Bernardino	3IA	<i>Estimation of Multivariate Extreme Risk Measures</i>
15h10 - 15h25		Pierre-Alexandre Mattei	INRIA Sophia Antipolis	<i>Deep generative models and their applications in missing data problems</i>
15h25 - 15h40		Bamba Kane	ALTRAN	<i>Joint Intent Detection and Slot Filling for Conversational AI</i>
15h40 - 15h55		Marco Corneli	UNS / CNRS	<i>Late fusion multi-channel CNN: An interpretable contextualization for deep linguistic analysis</i>
15h55 - 16h30				
16h30 - 16h45		Aida Todri-Sanial	LIRM Montpellier	<i>Neuromorphic Computing based on Oscillatory Neural Networks</i>
16h45 - 17h15		Othmane Marfoq	Inria & Accenture Technology Labs	<i>Optimal Topology Design for Cross-Silo Federated Learning</i>
17h15 - 17h45	Davide La Torre	SKEMA Artificial Intelligence Institute	<i>Recent Results on Measure-Valued Images, Associated Fractal Transforms, and Total Variation Minimization</i>	
17h45 - 18h00	Jean-Claude Belfiore	Huawei Paris Research Center	<i>Towards reasoning networks</i>	
18h00 - 18h15	Elena Cabrio	Université Côte d'Azur	<i>Yes, we can! Mining Arguments in 50 Years of US Presidential Campaign Debates</i>	

8h30 - 9h05	AI & Biology Chairman Ellen Van Obberghen- Schilling	Leopold Parts	Sanger Inst Cambridge	AI in biology-performance or under standing ?
9h05 - 9h40		Carolina Wahlbj	Uppsala University, Sweden	
9h40 - 10h15		François Lavolette	Université LAVAL	
10h20 - 10h40		Zeinab Rekad	Institut de Biologie Valrose	Enhancing the analysis of cellular phenotypes and large imaging data sets with AI-based techniques
10h20 - 10h40		José Lages	Institut UTINAM	Googlomics: the reduced Google matrix analysis applied to biological networks
10h40 - 11h00	Break			
11h00 - 11h30	AI & Management Chairman Jonas Hoffmann	Dominique Boullier	SciencesPo	Human and/or Machine Learning ?
11h30 - 12h15		Jonas Hoffmann		AI & Strategy in Turbulence
12h15 - 12h30		Justine Dima	Université Laval (Canada)	Artificial intelligence and decision making in human resources management: a systematic review
12h30 - 12h45		Stefano Triberti	University of Milan (Italy)	Integrating Multiple Criteria Decision Making and Artificial Intelligence: Some Recent Developments
14h15 - 14h25	Closing Ceremony Chairman Stephane Descombes	Stéphane Descombes		Award Ceremony (posters)
14h25- 14h35		Stéphane Descombes		Award Ceremony (demo's)
14h35 - 15h15		Philippe Beaudoin	Waverly	Algorithms for our better selves
15h15 - 15h20		Gilles Floyrac	Amadeus & ICAIR	
15h20 - 15h40		J.M. Garbaudo, J.Leonetti A.Frackowiak-iacob		Closing Ceremony