Societal Automation 2019 – Program at a glance							
Day 1 4 Sept. 2019			Day 2 5 Sept. 2019			Day 3 6 Sept. 2019	
08:00-18:00	Registration – Building A0		08:30-16:30	Registration – Department of Computer Science		08:30-16:30	Registration – Department of Computer Science
08:45–10.00	Session 1 Artificial Intelligence I	Session 2 Computing and Building Automation	09:00–10:30	Session 5 - Special Session Tools and Methods for Supporting Design – Operation Continuum of Dependable Cyber-Physical Human Systems and CPSoSs	Session 6 Medical Engineering and Security	09:00-10:30	Session 7 Artificial Intelligence II · Session 8 - Special Session Recent Advances in Technologies for Collective Ambient Intelligence in Smart Cities
10:00–10.30	Coffee Break						
10:30–11.00	Opening Session		10:30-11.00	Coffee Break		10:30–11:00	Coffee Break
11:00–12:00	Invited Talk **Athanasios Kalogeras** Industrial Systems Institute, Athena R.C., Greece **Hervé Rivano** INSA Lyon, France Cyber Physical Systems and Internet of Things: Emerging Paradigms on Smart Cities		11:00 – 12:00	Invited Talk **Martin Gilje Jaatun and Ravi Borgaonkar** SINTEF Digital, Norway 5G as an Enabler for Secure IoT in the Smart Grid		11:00–12:00	Invited Talk **Jörg Gebhardt** ABB Corporate Research, Germany Advanced Sensing and its Decisive Role for Digitization
12:00-13:30	Lunch		12:00–13:30	Lunch		12:00-13:30	Lunch
13:30-14.30	Keynote **Vincenzo Piuri** University of Milan, Italy Ambient Intelligence: Convergence of Artificial Intelligence, Machine Learning, Biometrics, Cloud Computing, and Internet-of-Things		13.30-14.30	Keynote **Rolf Ernst and Adam Kostrzewa** Technical University of Braunschweig, Germany Smart Network Control in Automotive Systems		13:30-14:30	Keynote **John Baras** University of Maryland at College Park, USA Assured Safe Design and Operation of Networked Cyber-Human-Physical Systems
14:30-16:30	Panel **Societal Automation** Organizer and Moderator: Richard Zurawski		14.30–16.30	Panel **Systems of Systems-Perspective for Smart Cities** Organize and Moderator: Athanasios Kalogeras		14:30-15:30	Keynote **Jacek Zurada** University of Louisville, USA AI: technology revolution and ethical challenges
16:30–17:00	Coffee break					15:30 – 16:30	Session 9 - Special Session **Societal Automation – Quo Vadis**
17:00–18:15	Session 3 Advanced Sensing for the Digital Transformation	Session 4 Systems Engineering and IoT				16:30	Closing Session & Cocktail

19:00 – 21:30	Welcome Reception - Sienkiewiczowka	17:30 – 19:00	Guided Tour of Collegium Maius		
		19:00 – 22:00	Dinner – Collegium Maius		

Panel - 4 Sept. 2019	Panel – 5 Sept. 2019
Societal Automation	**Systems of Systems-Perspective for Smart Cities**
Organizer and Moderator: Richard Zurawski, ISA Group, USA	Organize and Moderator: Athanasios Kalogeras, Industrial Systems Institute, Athena R.C., Greece
Panelists: Rolf Ernst, Technical University of Braunschweig, Germany Jörg Gebhardt, ABB Corporate Research, Germany Martin Gilje Jaatun, SINTEF Digital, Norway Hervé Rivano, INSALyon, France Vincenzo Piuri, University of Milan, Italy Jacek Zurada, University of Louisville, USA	Panelists: John Baras, University of Maryland at College Park, USA Luca Ferrarini, Politecnico di Milano, Italy Hervé Rivano, INSA Lyon, France Tomasz Szmuc, AGH University of Science and Technology, Poland