

Start time End time

4-Dec
19:00

Welcome Reception

5-Dec
8:30 8:40

Rm1 Rm2 Rm3 Rm4 Rm5

Opening Ceremony

8:40 9:40

Plenary Talk 1

9:40 10:25

Professor Andrea L. Bertozzi (University of California Los Angeles)

10:25 12:25

Coffee Break

SS. Theory and Learning Applications of Koopman Operator Formalism	SS. Systems Theory and its Applications	SS. Complex systems, complex networks and bigdata analyses	SS. Advanced Theory and Applications Related to Communication Quality	SS. Neuromorphic Systems and Electronic Devices 1
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12:25 13:45

Lunch Break

13:45 15:25

SS. Network Function for Physically and Logically Coupled System	Circuits ans Systems + Analog and digital devices	Neural Networks+Biological Engineering	SS. Complex Communication Sciences 1	SS. Neuromorphic Systems and Electronic Devices 2
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15:25 15:40

Coffee Break

15:40 18:20

SS. Radio and Optical Wireless Communications 1 (Transceiver technologies for 5G & Optical wireless communications)	Complex Networks & Systems + Image and Signal Processing	SS. Laser Dynamics and Complex Photonics1	SS. Complex Communication Sciences 2	SS. Neuromorphic Systems and Electronic Devices 3
			Power and Energy Circuits Systems+Communication system	Machine Learning + Evolutionary computations

6-Dec

Plenary Talk 2

8:30 9:30

Professor Adilson E. Motter (Northwestern University)

9:30 10:15

Coffee Break

10:15 12:35

SS. Synchronization	SS. Dynamical Brain and the Information Processing	SS. Laser Dynamics and Complex Photonics2	Control and robotics	Chaos & Bifurcation
29.Synchronization	Neurodynamics + Learning and memory		SS. Dynamical Networks and Structure	

12:35 13:55

Lunch Break

13:55 15:35

SS. Nonlinear waves and localizations1	SS. Cellular Dynamical Systems1	SS. Optimization Algorithms with Nonlinear Dynamics1	SS. Nonlinear Circuits Distributed and Coupled across Nontrivial Network Topologies1	SS. Radio and Optical Wireless Communications 2 (Advanced wireless communications I & Advanced wireless communications II)
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15:35 15:50

Coffee Break

15:50 17:10

SS. Nonlinear waves and localizations2	SS. Cellular Dynamical Systems2	SS. Optimization Algorithms with Nonlinear Dynamics2	SS. Nonlinear Circuits Distributed and Coupled across Nontrivial Network Topologies2	SS. Radio and Optical Wireless Communications 3 (Advanced wireless communications I & Advanced wireless communications II)
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19:00

Benquet

7-Dec

Plenary Talk 3

8:30 9:30

Professor Kurt A. Wiesenfeld (Georgia Institute of Technology)

9:30 10:15

Coffee Break

10:15 12:15

Poster Session presented by YPA candidates

12:15 13:35

Lunch Break

13:35 15:55

SS. Switched Dynamical Systems: Modeling, Analysis, and Applications	SS. Recent Progress in Optimization Algorithms using Nonlinear Techniques	Applied mathematics + Self-validating numerics	Optics+Deep Learning	SS. Complex Networks and Systems
	Optimization + Oscilations			

16:00 17:30

Closing Ceremony and YPA Ceremony