

2022 IEEE SPS - EURASIP Summer School on Defining 6G: Theory, Applications and Enabling Technologies

DAY 1 (August 29)			DAY 2 (August 30)		DAY 3 (August 31)		DAY 4 (September 1)	
Time	Section	Speaker	Section	Speaker	Section	Speaker	Section	Speaker
9:00-9:15	Opening	Erik G. Larsson						
9:15-10:00	Keynote	Stefan Parkvall (Ericsson)	Keynote	Wen Tong (Huawei)	Keynote	TBD	Keynote	TBD
10:00-10:30	Coffee break		Coffee break		Coffee break		Coffee break	
10:30-12:00	Technical lecture: 5G PHY in retrospect, massive MIMO, D-MIMO and RIS	Erik G. Larsson (Linköping University, Sweden)	Technical lecture: Towards reliable, robust, and efficient AI for communications	Oswaldo Simeone (King's College London, UK)	Technical lecture: Goal-oriented and semantic communications	Nikolaos Pappas (Linköping University, Sweden)	Technical lecture: Distributed intelligence over wireless networks	Zheng Chen (Linköping University, Sweden)
12:00-13:00	Lunch		Lunch		Lunch		Lunch	
13:00-14:00	Application domain talk: IoT on the road to the sustainable development goals: vehicle or bandit	Liesbet Van der Perre (KU Leuven, Belgium)	Application domain talk: Industrial control and automation	Karl H. Johansson (KTH, Sweden)	Application domain talk: Implementational aspects of 6G transceivers	Aarno Pärssinen (University of Oulu, Finland)	Application domain talk: Integrated satellite- terrestrial communications	Ana Isabel Pérez-Neira (Universitat Politècnica de Catalunya, Spain)
14:00-14:30	Coffee break		Coffee break		Coffee break		Coffee break	
14:30-16:00	Technical lecture: IoT connectivity, massive access and URLLC	Petar Popovski (Aalborg University, Denmark)	Technical lecture: Incorporating physical layer security in 6G: why it is needed and how we will do it	Arsenia Chorti (ENSEA, France)	Technical lecture: mmWave and Terahertz communications	Fredrik Tufvesson (Lund University, Sweden)	Technical lecture: Positioning, sensing, and wireless power transfer	Klaus Witrisal (Graz University of Technology, Austria)
16:00-18:00	Welcome reception (17:00)				Poster session			
18:00-22:00			Social dinner (Flygvapenmuseum)					