

First International Workshop on Machine Learning for Wireless Communications (MLWCOM)

Barcelona, June 30th, Hotel Catalonia Barcelona Plaza

PROGRAMME

Session Chair: Jianyi Lin, Khalifa University of Science and Technology, Abu Dhabi, UAE

13:30-13:45	Welcome address	
13:45-14:10	Reinforcement Learning Based Scheduling Algorithm for Optimizing Age of Information in Ultra Reliable Low Latency Networks Anis Elgabli, Hamza Khan and Mounssif Krouka (University of Oulu, Finland); Mehdi Bennis (Centre of Wireless Communications, University of Oulu, Finland)	<i>Presenter</i> Anis Elgabli
14:10-14:35	Learning Sensor Placement from Demonstration for UAV networks Assia Benbihi (GeorgiaTech Lorraine, France); Matthieu Geist (Université de Lorraine, France); Cedric Pradalier (GeorgiaTech Lorraine, France)	<i>Presenter</i> Assia Benbihi
14:35-15:00	Machine Learning-based SON function conflict resolution Diego Fernando Preciado Rojas (Technische Universität Ilmenau, Germany); Andreas Mitschele-Thiel (Ilmenau University of Technology, Germany)	<i>Presenter</i> Diego Fernando Preciado Rojas
15:00-15:30	Coffee break	
15:30-15:55	LTE for Trains - Performance Interactions Examined with DL, ML and Resampling Johan Garcia, Simon Sundberg and Anna Brunstrom (Karlstad University, Sweden)	<i>Presenter</i> Johan Garcia
15:55-16:20	Signal reconstruction by means of Embedding, Clustering and AutoEncoder Ensembles Corrado Mio and Gabriele Gianini (Università degli Studi di Milano, Italy and EBTIC/Khalifa University, Abu Dhabi. UAE)	<i>Presenter</i> Gabriele Gianini
16:20-16:50	Discussion, wrap up and conclusions	