

WiLab - Huawei JIC Workshop on "Intelligent IoT for 6G"

January 11, 2021, Teams

Time (CET)	Duration	MORNING SESSIONS
8.30 am		Access to Microsoft Teams
9.00 am		OPENING
9.00 am	Session Chair Session Technical Manager	Roberto Verdone Carlo Urso
20 m		"Presentation of WiLab" - Roberto Verdone, Marco Chiani, Andrea Conti, Alberto Zanella
30 m	Talk #1	"Intelligent IoT for 6G" - Wen Tong, Huawei
9.50 am	Session Title Session Chair Session Technical Manager	Network AI Riccardo Trivisonno, Huawei, DE Carlo Urso
30 m	Talk #2	"How AI Will Shape Smart Networks and Services of the Future" - Antonio Manzalini, TIM, IT
30 m	Talk #3	"AI Enabled Automation in Future Mobile Networks" - David Soldani, Huawei, AUS
10.50 am		Break
11.20 am		HOT 6G TOPICS - I
11.20 am	Session Title Session Chair Session Technical Manager	Massive Multiple Access for 6G Enrico Paolini, WiLab, University of Bologna Carlo Urso
5 m		Introduction to the topic by the Chair
30 m	Talk #4	"Challenges and Possibilities for Wireless IoT Connectivity on the path Beyond 5G" - Petar Popovski, Aalborg University, DK
11.55 am	Session Title Session Chair Session Technical Manager	Non-orthogonal Resource Allocation Techniques for Sidelink CV2X Alberto Zanella, IEIT-CNR Carlo Urso
5 m		Introduction to the topic by the Chair
30 m	Talk #5	"Intelligent Vulnerable Road Users" - Carla Fabiana Chiasserini, CNIT/Polytechnic University Torino, IT
12.30 pm	Session Title Session Chair Session Technical Manager	3D Networks Chiara Buratti, WiLab, University of Bologna Carlo Urso
5 m		Introduction to the topic by the Chair
30 m	Talk #6	"Learning From the Sky: Robot-Aided Mapping, Radio Access, and Localization" - David Gesbert, EURECOM, FR
1.05 pm		Lunch
Time (CET)	Duration	AFTERNOON SESSIONS
2.30 pm		HOT 6G TOPICS - II
2.30 pm	Session Title Session Chair Session Technical Manager	Towards Ubiquitous 6G Joint Communication and Sensing Andrea Giorgetti, WiLab, University of Bologna Nataschia De Fenzo
5 m		Introduction to the topic by the Chair
30 m	Talk #7	"Int Radio-based Sensing and Comm. in 5G and Beyond: Prospects, Algorithms and Waveform Optimization" - Mikko Valkama, Tampere University, FI
3.05 pm	Session Title Session Chair Session Technical Manager	Enabling URLLC for Inter-Machine IIoT Applications Michele Zorzi, WiLab, University of Padova Nataschia De Fenzo
5 m		Introduction to the topic by the Chair
30 m	Talk #8	"Predictive Quality of Service in Industrial Internet of Things" - Mate Boban, Huawei, DE
3.40 pm	Session Title Session Chair Session Technical Manager	From Cloud-Native Applications' Orchestration to B5G Automated Network Management Raffaele Bolla, WiLab, University of Genova Nataschia De Fenzo
5 m		Introduction to the topic by the Chair
30 m	Talk #9	"Pervasive Artificial Intelligence for 6G networks" - Sergio Barbarossa, CNIT/University Roma La Sapienza, IT
4.15 pm		Break
4.45 pm		HOT 6G TOPICS - III
4.45 pm	Session Title Session Chair Session Technical Manager	Holographic Radio Davide Dardari, WiLab, University of Bologna Nataschia De Fenzo
5 m		Introduction to the topic by the Chair
30 m	Talk #10	"Holographic MIMO Communications" - Luca Sanguinetti, CNIT/University Pisa, IT
5.20 pm	Session Title Session Chair Session Technical Manager	6G IoT Andrea Conti, WiLab, University of Ferrara Nataschia De Fenzo
30 m	Talk #11	"Task Allocation Among Collaborative Connected Devices" - Luigi Atzori, CNIT/University of Cagliari, IT
30 m	Talk #12	"Security and Privacy in 5G and Beyond: False Myths and Emerging Challenges" - Giuseppe Bianchi, CNIT/University Rome Tor Vergata, IT
6.20 pm		CLOSURE
10 m		Closing Remarks - Roberto Verdone