



## INITIAL TRAINING SCHOOL

November 21-25, 2016  
Castelldefels, Barcelona, Spain

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 - 10:30	<b>Intro to the SCAVENGE ETN</b> Paolo Dini, CTTC	<b>ESR technical presentations</b>	<b>Basics of Wireless Communications</b> Ezio Biglieri, UPF	<b>Markov Decision Processes and Dynamic Programming</b> Michele Rossi, UniPD	<b>Convex Optimization</b> Volkan Cevher, EPFL
10:30 - 11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 - 12:30	<b>How to give a presentation</b> Leonardo Badia, UniPD	<b>Standardization in 3GPP and a roadmap to 5G</b> Dino Flore, Qualcomm, 3GPP	<b>Basics of Wireless Communications</b> Ezio Biglieri, UPF	<b>Markov Decision Processes and Dynamic Programming</b> Michele Rossi, UniPD	<b>Convex Optimization</b> Volkan Cevher, EPFL
12:30 - 14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 - 15:30	<b>How to give a presentation</b> Leonardo Badia, UniPD	<b>Basics of Wireless Communications</b> Ezio Biglieri, UPF	<b>Team building activities &amp; Social Dinner</b> (SCAVENGE team only)	<b>Convex Optimization</b> Volkan Cevher, EPFL	<b>Markov Decision Processes and Dynamic Programming</b> Michele Rossi, UniPD
15:30 - 16:00	Coffee Break	Coffee Break		Coffee Break	Coffee Break
16:00 - 17:30	<b>ESR technical presentations</b>	<b>Basics of Wireless Communications</b> Ezio Biglieri, UPF		<b>Convex Optimization</b> Volkan Cevher, EPFL	<b>Markov Decision Processes and Dynamic Programming</b> Michele Rossi, UniPD
17:30 - 19:00				<b>Trade-offs in capacity scaling and their impact in future telecommunication systems</b> David López-Pérez, Nokia Bell Labs	