

*PROGRAMME

WEEK ONE 6. - 10.6.

TIME EEST +3	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-9:45		Getting familiar with the project group	Working with the project	Working with the project	Working with the project
10:00-10:45	Introduction to the course & topic (10:30-11:00)				
11:00-11:45	Current State of 5G Markets, Peik Schulman, Capgemini Invent	5G Technology Components, Dr. Harri Holma, Nokia	5G Architecture, Dr. Jose Costa Requeña	5G & IoT Optimization, Dr. Anna Larmo	Getting ready for the pitches
12:00-13:00	Break	Break	Break	Break	Break
13:00-13:45	Project topic reveal and introduction to the group challenges (13:00-16:00)	Mobile Communication Systems (Spectrum), Dr. Kalevi Kilkki	Radio Access (5G Physical Layer), Dr. Antti Toskala	5G & Cyber security, Assoc. Prof. Seppo Virtanen	First round of group pitches
14:00-14:45		Electromagnetic Fields & Cancer Risk, Prof. Anssi Auvinen	AI & 5G (Deployment aspects), Prof. Sasu Tarkoma	5G Synchronisation and 5G Beam Steering, Priit Roosipuu	
15:00-15:45		Working with the project	Working with the project	Working with the project	
16:00-16:45		Choosing the challenge groups			

■ MANDATORY
 ■ PROJECT WORK
 ■ OPTIONAL

*PROGRAMME WEEK TWO 13. - 17.6.

***5G HACK** 2022
*AALTO UNIVERSITY **THE MALL**

TIME EEST +3	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-9:45	Working with the project	Working with the project	Working with the project	Working with the project	Overview of 6G, Prof. Ari Pouttu
10:00-10:45					Fine-tuning of presentations
11:00-11:45	1st Week Wrap-Up & Introduction to the 2nd Week	Working with the project	Working with the project	Working with the project	Final Pitches 11:00-15:00
12:00-13:00	Break				
13:00-13:45	5G Vertical: XR, Asst. prof. Yu Xiao	5G & Device Positioning, Dr. Jukka Talvitie, University of Tampere	Working with the project	Working with the project	
14:00-14:45	5G Vertical: Creative Industries, Eero Tiainen	5G Vertical: Autonomous Cars, Dr. Tiia Ojanperä			
15:00-15:45	Working with the project	Working with the project			
16:00-16:45			Intent based networking in 5G and beyond networks, Assoc. Prof. Katina Krlevska, NTNU		
17:00-17:45					Closing Ceremony 15:00-16:00
18:00-18:45	Potential Specialist/Researcher Meeting	5G and Circular Economy, Eeva Vaahtera, Sitowise, Sitra	5G and Sport , Simo Tarvonen, CEO, URHEA	5G Mökki Tech Space Network empowering youth in Africa, prof. Leonard Wantcheon, Boris Ngala, Douglas Ogeto, prof. Marko Nieminen, representative of the EU	