

*PROGRAMME WEEK ONE 7.-11.6.

TIME EEST +3	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-9:45	Introduction to the course	Getting familiar with the project group	Working with the project	Working with the project	Working with the project
10:00-10:45	Course Opening, Prof. Raimo Kantola				
11:00-11:45	5G Markets, Peik Schulman	5G Technology Components, Dr. Harri Holma	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	Introduction to the group challenges	Mobile Communication Systems, Dr. Kalevi Kilkki	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	Deployment Aspects of AI & 5G, Prof. Sasu Tarkoma	5G Synchronisation & 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 14.–18.6.

TIME EEST +3	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-9:45	1st Week Wrap-Up & Introduction to the 2nd Week			Working with the project	Overview of 6G, Prof. Ari Pouttu
10:00-10:45	Working with the project	Working with the project	Working with the project	Seminar	Working with the project
11:00-11:45			Global 5G Analysis, Dr. Edward Oughton,		
12:00-13:00	Break	Break	Break	Break	Final Pitches
13:00-13:45	5G Vertical: XR, Asst. Prof. Yu Xiao	5G & Device Positioning, Dr. Jukka Talvitie	Internet of Skills, Prof. Mischa Dohler	Smart City, Taina Tukiainen	
14:00-14:45	5G Vertical: Creative Industries, Eero Tiainen	5G Vertical: Autonomous Cars, Dr. Tiia Ojanperä	Working with the project	Smart Campus Workshop	
15:00-15:45	Break	Break	Break		
16:00-16:45	The Internet of Reality, Prof. James Gross	Universal Noise-centric Decoding, Prof. Muriel Médard	IoT, Assoc. Prof. Sarah Renée Ruepp	Intent Based Networking in 5G, Assoc. Prof. Katina Krlevska	Closing Ceremony
17:00-17:45	The Bridge Between Nordics & the US, Markus Wartiovaara	5G & Low Latency Needs, Rasmus Vuori	How 5G Affects the Demand for ICTs, Prof. Matti Rossi	Potential Additional Lecture	
18:00-18:45*		Tech & Climate Change, Magnus Frodigh, Miika Huttunen, Jürgen Vögele	Tech & Productivity, Ritva Reinikka, Tommi Uitto, Victor Bahl, Thierry Barbé	Potential Additional Lecture	