

Yonsei-Sydney Virtual Workshop on B5G and 6G

Challenges and Opportunities of Wireless Communication for the Next 10 Year

Date	28th July, 2021 (Wednesday)
	<ul style="list-style-type: none"> Seoul/Tokyo: 16:30-19:30 Sydney: 17:30-20:30 Hong Kong: 15:30-18:30 Helsinki: 10:30-13:30 Berlin: 9:30-12:30
Purpose	Wireless communication plays a key role in enabling the Industry 4.0 systems and technologies that revolutionizes the way we live, work and relate to one another. Jointly organized by Yonsei University in South Korea and the University Sydney in Australia, this virtual workshop brings together researchers across institutions and borders to showcase the most recent research advancement in the relevant areas, explore the challenges and opportunities in B5G and 6G in the next ten years, and discuss how to create synergy in driving the innovation of wireless communication technologies.
	The workshop aims to strengthen the strategic partnership between the two universities and promote international collaborations across academic and industrial sectors. It will also support the joint effort in tackling challenges of the United Nations' Sustainable Development Goal 9: Industry, Innovation, and Infrastructure.
Registration / Biography	Link



Dr. Sungho Choi

IITP, South Korea

| TOPIC |
6G R&D Strategies of Korea



Prof. Branka Vucetic

The University of Sydney, Australia

| TOPIC |
6G: Evolution towards
a Super-connected World



Prof. Seong-Lyun Kim

Yonsei University, South Korea

| TOPIC |
Post-MAC for 6G:
Federation and Split in Wireless AI



Prof. Yonghui Li

The University of Sydney, Australia

| TOPIC |
Overview of Sydney's wireless research



Prof. Chan-Byoung Chae

Yonsei University, South Korea

| TOPIC |
Biological Layer for 6G



Dr. Zhibo Pang

ABB Corporate Research, Sweden

| TOPIC |
Wireless HP: toward the Ethernet-grade
wireless for critical control in industrial automation



Dr. Phee Yeoh

The University of Sydney, Australia

| TOPIC |
Wireless Security for
5G/6G Communications Systems



Prof. Kwang Soon Kim

Yonsei University, South Korea

| TOPIC |
What do we expect for 6G technologies?



Prof. Jinho Choi

Deakin University, Australia

| TOPIC |
How 6G Are We:
Do Androids Dream of Electric Sheep?



Prof. Kei Sakaguchi

Tokyo Institute of Technology, Japan

| TOPIC |
5G and 6G to realize Super Smart Society



Prof. Koji Yamamoto

Kyoto University, Japan

| TOPIC |
Sensor-assisted Wireless Access for 5G/6G



Dr. Mahyar Shivanimoghaddam

The University of Sydney, Australia

| TOPIC |
Massive Connectivity for
5G/6G Communications



Prof. He Chen

Chinese University of Hong Kong, Hong Kong

| TOPIC |
Private 5G for
Cooperative Mobile Robotics (TBC)



Dr. Changyang She

The University of Sydney, Australia

| TOPIC |
Wireless AI for 5G/6G Communications



Prof. Riku Jäntti

Aalto University, Finland

| TOPIC |
Backscatter based sustainable and
privacy preserving MTC for 6G and beyond



Prof. Frank Fitzek

Technische Universität Dresden, Germany

| TOPIC |
6G-life-Digital transformation and
sovereignty of future communication networks



Prof. Mehdi Bennis

University of Oulu, Finland

| TOPIC |
Extreme Ultra-Reliable and Low-Latency
Communication



Prof. Kaibin Huang

The University of Hong Kong, Hong Kong

| TOPIC |
6G Intelligent Edge – The Fusion of
Communication and Computing