



# P4: 5G RESEARCH AND SYSTEM DESIGN

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# 5G RESEARCH AND SYSTEM DESIGN

5G is currently in its early definition stage. It is a remarkable time for researchers and system designers from across academia and industry to think of innovative approaches required to deliver the substantial improvements expected in spectral efficiency, achievable data rates, latency, energy consumption and simultaneous number of connected devices.

The panel will address research, as well as practical aspects, as related to 5G end to end system design: spectrum, air-interfaces, seamless multi-RAT integration, network transformation, network virtualization, standardization, deployment scenarios, user experience, applications.

# OUR PANEL

- Organizer: **Doru Calin**, Director High Performance Wireless Technologies and Networks, Bell Labs, Alcatel-Lucent
  
- Panelists:
- **Chih-Lin I**: Chief Scientist, China Mobile Research Institute
- **Eko Onggosanusi**, Director Wireless Research & Standards, Samsung R&D America
- **Reinaldo Valenzuela**, Director, Bell Labs Research, Alcatel-Lucent
- **Mark Newbury**, Director/Distinguished Engineer, Huawei Technologies
- **Rapeepat Ratasuk**, Principal Research Specialist, Nokia Networks