

Panel 1: State of mmW Technology and Outlook: A View from Industry

Moderator: Akbar Sayeed

Panelists: Amitava Ghosh (Nokia Bell Labs), Ashwin Sampath (Qualcomm), Ian Wong (National Instruments), Boon Loong Ng (Samsung), Tommy Svensson (Chalmers)

Theme: Updates and discussion on technology advances, use cases, business models, regulations, and standardization.

Format: Moderator opening remarks (5 min); panelists opening remarks (3-5 minutes each), followed by panel discussion and audience questions.

Some questions to seed the discussion:

What is the biggest advancement in the last 6-12 months?

What is the biggest new challenge that has emerged in the last 6-12 months?

What is the first use case that is going to take hold? And when?

Any particular issues regarding < 40 GHz vs > 40GHz?

Any particular comments on 5G NR Standards?

How can industry and academia collaborate through this RCN for advancing mmWave research and technology through the NSF PAWR (platforms for advanced wireless research) initiative?