INTRODUCTION
[5']

- Motivation and lessons learnt from previous workshops

1) Simulation of MIMO mmWave channel
[50': 10' presentations + 40' open discussion]

- NYU: 5G NR - 3GPP channel models in ns-3 and their computational complexity;
- NIST: Quasi-Deterministic Channel models, antenna patterns and antenna orientation in ns-3;
- NCSU: Millimeter-Wave V2X Channels: Propagation Statistics, Beamforming, and Blockage.

2) PHY abstraction to predict block error rate
[30': 5' presentations + 25' open discussion]

- NYU: LTE/MIESM-based evaluation methodology and its impact on higher layers (MAC and above);
- NIST: A new error model based on EDMG 11ay;

WRAP-UP [5']