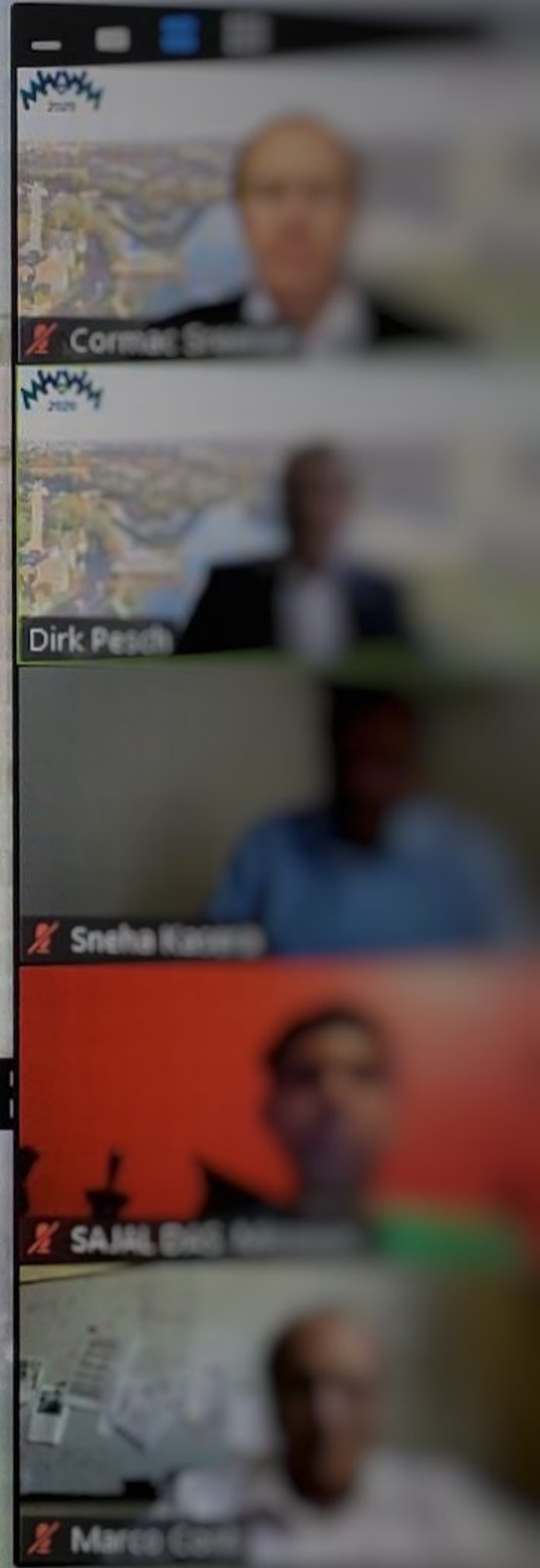




# Joint Best Paper Awards

- **HydraWave: Multi-Group Multicast Hybrid Precoding and Low-Latency Scheduling for Ubiquitous Industry 4.0 mmWave Communications**  
Luis F. Abanto-Leon (TU Darmstadt)  
Matthias Hollick (TU Darmstadt & Secure Mobile Networking Lab)  
Gek Hong (Allyson) Sim (TU Darmstadt)
- **Punched Cards over the Air: Cross-Technology Communication Between LTE U/LAA and WiFi**  
Piotr Gawłowicz (TU Berlin)  
Anatolij Zubow (TU Berlin)  
Suzan Bayhan (University of Twente)  
Adam Wolisz (TU Berlin)



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