

PROGRAMME

GRAPHENE INNOVATION FORUM

Graphene Connect – 5G Technologies

24 September 2019, Marina Congress Centre, in Helsinki, Finland

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- 15:30-15:50 The Graphene Technology and Innovation Roadmap: Focus on Communication**
Henning Döscher, Fraunhofer Institute for Systems and Innovation Research ISI
- 15:50-16:05 Graphene enabled Telecommunications for the “beyond 5G era”**
Wolfgang Tempel, Nokia
- 16:05-16:20 Graphene for monolithic integration of active components in silicon photonics**
Alessandra Bigongiari, Ericsson Research
- 16:20-16:35 What kind of future do we want to build for the next generation?**
Riina Matilainen, Siemens
- 16:35-17:00 Coffee break**
- 17:00-17:20 Graphene and Related Materials for Future Optical Communications**
Andrea Ferrari, University of Cambridge
- 17:20-17:40 Graphene-Photonics Integrated Circuits for the 5G Era**
Marco Romagnoli, Centre Inter-University Consortium for Telecommunications
- 17:40-18:00 Printable sensors integrated with RFID antennas**
Zhirun Hu, The University of Manchester
- 18:00-18:45 Open Forum**
- 18:45-20:00 Networking Session**