### Day 1 – Thursday, July 2nd

<table>
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<tr>
<th>Time</th>
<th>Speaker/Session</th>
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| 09.15 – 09.30 | Thomas Kaiser
Welcome Speech |
| 09.30 – 10.10 | Morning Session: Mobile THz Communications
Chair: Thomas Kürner |
| 10.15 – 10.55 | Long-range High-Speed THz-Wireless Transmission in the 300 GHz Band
C. Castro, R. Elschnier, T. Merkle, C. Schubert, R. Freund |
| 11.00 – 11.40 | Physically Secure mm-Wave Wireless Links with Spatio-temporal Modulated Arrays
K. Sengupta, X. Lu, S. Venkatesh, B. Tang |
| 11.45 – 12.25 | Efficient Transmission Schemes for THz Communications
W. Gerstacker |
| 12.25 – 14.00 | Lunch Break |
| 14.00 – 15.00 | Karl Schuster
The Event Horizon Telescope – Imaging Supermassive Black Holes - Science and Technology of Advanced Millimeter VLBI |
| 15.00 – 15.15 | Coffee Break |
| 15.15 – 16.15 | Daniel M. Mittleman
Low-latency Link Discovery in THz Wireless Networks |
| 16.15 – 16.30 | Coffee Break |
| 16.30 – 17.30 | Thomas W. Crowe
The Advancement of THz Technology for Compact Systems |

### Day 2 – Friday, July 3rd

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<th>Time</th>
<th>Speaker/Session</th>
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| 09.30 – 10.10 | Record High Average Power Broadband THz Sources
C. Saraceno |
| 10.15 – 10.55 | Ultra-Low Phase Noise Frequency Synthesis for THz Communications Using Optoelectronic PLLs
J. C. Scheytt, D. Wrana, M. Bahmanian, I. Kallfass |
| 11.00 – 11.40 | THz Arrays in CMOS
K. Guo, P. Reynaert, G. Teofilo Neves Guimaraes |
| 11.45 – 12.25 | Integrated Photonic Terahertz Beam Steering Technologies
A. Stöhr |
| 12.25 – 14.00 | Lunch Break |
| 14.00 – 15.00 | Aarno Pärssinen
RF Trends and Challenges Towards 6G Communications Systems |
| 15.00 – 15.15 | Coffee Break |
| 15.15 – 16.15 | Andreas F. Molisch
New results in THz Propagations Channels |
| 16.15 – 17.30 | Panel Session: Will Mobility Push THz Towards Mass Markets?
Panel Host: Thomas Kaiser
Panelists: Thomas W. Crowe, Thomas Kürner, Andreas F. Molisch, Daniel M. Mittleman |