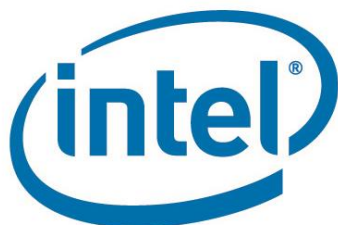


Wednesday 07 October															
15:00	Opening remarks Meinrad Happacher, Computer&AUTOMATION & Kevin Stanton, Intel														
15:10	Keynote: Industry 4.0 and its Eco-Systems – State of Play Volker Bibelhausen, Weidmüller Interface														
Session 1															
16:00	Standards (IEEE 802.1 update, IEC/IEEE 60802 update, P802.1DG update, 3GPP update) Dr. Janos Farkas, Ericsson; Ludwig Winkel L.A.N. Winkel; Gino Masini, Ericsson; Craig Gunther, Craig Gunther Consulting														
17:00	BUSINESS BREAK AND NETWORKING														
<table border="1"> <thead> <tr> <th>Session 2 5G & Wireless</th> <th>Session 3 Software, Systems, & Open Source</th> </tr> </thead> <tbody> <tr> <td>17:30</td> <td> Deployment Scenarios of 5G with Time-Sensitive Networking for Smart Manufacturing Dr. Joachim Sachs, Ericsson </td> <td> A roadmap to a mature open source ecosystem for TSN Mohan Karthik, Analog Devices </td> </tr> <tr> <td>18:00</td> <td> TSN over 5G: A working testbed and lessons learnt from it Dr. Fatih Ulupinar, Qualcomm Technologies </td> <td> TSN-Endpoints Revisited – Enable your Applications with TSN Using Free Open Source Solutions Philipp Neher, Institute for Control Engineering of Machine Tools and Manufacturing Units (ISW) </td> </tr> <tr> <td>18:30</td> <td> Time-Sensitive Networking over 5G Campus Networks for Industrial Use Cases Dr. Alexander Willner, Fraunhofer FOKUS </td> <td> Cost-optimized TSN platform for aerospace applications based on RTEMS OS Jorge Sanchez Garrido, University of Granada; Rafael Rodríguez, Seven Solutions </td> </tr> <tr> <td>19:00</td> <td> Wireless TSN: Opportunities, Challenges, and Industry Benefits of Extending TSN Capabilities over Wireless Networks Dave Cavalcanti, Intel/Avnu Alliance </td> <td> Architecture of Switched Endpoints in Linux Kurt Kanzenbach, Linutronix </td> </tr> </tbody> </table>		Session 2 5G & Wireless	Session 3 Software, Systems, & Open Source	17:30	Deployment Scenarios of 5G with Time-Sensitive Networking for Smart Manufacturing Dr. Joachim Sachs, Ericsson	A roadmap to a mature open source ecosystem for TSN Mohan Karthik, Analog Devices	18:00	TSN over 5G: A working testbed and lessons learnt from it Dr. Fatih Ulupinar, Qualcomm Technologies	TSN-Endpoints Revisited – Enable your Applications with TSN Using Free Open Source Solutions Philipp Neher, Institute for Control Engineering of Machine Tools and Manufacturing Units (ISW)	18:30	Time-Sensitive Networking over 5G Campus Networks for Industrial Use Cases Dr. Alexander Willner, Fraunhofer FOKUS	Cost-optimized TSN platform for aerospace applications based on RTEMS OS Jorge Sanchez Garrido, University of Granada; Rafael Rodríguez, Seven Solutions	19:00	Wireless TSN: Opportunities, Challenges, and Industry Benefits of Extending TSN Capabilities over Wireless Networks Dave Cavalcanti, Intel/Avnu Alliance	Architecture of Switched Endpoints in Linux Kurt Kanzenbach, Linutronix
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Thursday | 08 October

Session 4 | Industrial

15:00	Status of OPC UA over TSN Standardization	Peter Lutz, OPC Foundation
15:30	Backbones in flexible TSN networks	Christian Liss, InnoRoute
16:00	Building DDS systems on top of TSN: best practices, successes and challenges	Reiner Duwe, Real-Time Innovations (RTI)
16:30	Experiences from Prototyping OPC UA over TSN	Lukas Wüsteney, Hirschmann Automation and Control; Alen Mehmedagic, Schneider Electric

17:00 BUSINESS BREAK AND NETWORKING

Session 5 | Closing Session

17:30	Comparing the adoption of TSN between automotive and non-automotive networks	Avik Bhattacharya, Keysight Technologies
18:00	Taking benefit from TSN in Automotive and in Time-aware Wireless set-ups	Dr. Armando Astarloa, SoC-e
18:30	TSN Security: Detecting and Preventing attacks on time synchronization	Alon Regev, Keysight Technologies
19:00	TSN across Markets: The Core Benefits of 'One TSN'	Greg Schlechter, Intel/Avnu Alliance
19:30	Closing remarks	Subject to change

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