

AGENDA 10.09.

AI-native ORAN, Complexity Issues

09.30 - 10.00 On Next-Generation AI for Communication Networks
Prof. Dr.-Ing. habil. Slawomir Stanczak (HHI)

10.00 - 10.30 Orchestration, Automation, Conflict Management, and Explainability in nextG Wireless Systems
Tommaso Melodia (Northeastern University, Boston)

10.30 - 11.00 Evolution of open-RAN toward a functional computing continuum
Prof. Admela Jukan (TU Braunschweig)

11.00 - 11.30 Coffee Break

11.30 - 12.00 AI Botany: Open RAN.
Dr. Heiko Lehmann (Deutsche Telekom AG)

12.00 - 12.30 6G in the age of AI - We are doomed!
Prof. Dr.-Ing. Dr. h.c. Frank Fitzek (TU Dresden)

12.30 - 13.30 Lunch Break

ORAN 4 Verticals

13.30 - 14.00 What happened to Open RAN in vertical industries
Andreas Müller (BOSCH AG)

14.00 - 14.30 Liquid RAN paving the way towards 6G
Dr. Slawomir Pietrzyk (IS-Wireless)

14.30 - 15.00 Communicating Digital Twins
Dr. Andreas Eisenblätter (atesio GmbH)

15.00 - 15.30 Coffee Break

15.30 - 16.00 Securing the Future of O-RAN: Insights from the Public Wireless Supply Chain Innovation Fund
Brian Gomez (NTIA)

16.00 - 16.30 On trusting the open source software supply chain for O-RAN
Dr. Altaf Shaik (TU Berlin)

16.30 - 17.00 About trust in technology
Dr. Kim Nguyen (Bundesdruckerei)

AGENDA 11.09.

Energy & E2E Aspects

09.00 - 09.30 Detecting malicious cells in O-RAN via telemetry monitoring in a disaggregated architecture
Prof. Yuval Elovici (Ben Gurion University, Beer Sheva)

09.30 - 10.00 Exploiting 5G for Covert Channels: But what about Open RAN?
Markus Walter (Business Systems Integration AG)

10.00 - 10.30 Innovating Network Technologies: The InnoNT Funding Program
Roland Boschbach (TÜV Rheinland Group, InnoNT)

10.30 - 11.00 Coffee Break

11.00 - 11.30 From Network Flexibility to Network Digital Twins
Prof. Dr.-Ing. Wolfgang Kellerer (TU München)

11.30 - 12.00 Prof. Dan Kilper (Trinity College, Dublin)

12.00 - 12.30 RAN Energy Saving; a Multi-Dimensional View
Dr. Chris Murphy (Viavi Solutions)

12.30 - 13.30 Lunch Break

Security, Data & Context

13.30 - 14.00 Apps tandem for scalable optimization of network energy efficiency
Prof. Paweł Kryszkiewicz (rimedo labs)

14.00 - 14.30 SMaRT-5G: 5G Energy Efficiency Metrics, Models, and System Tests
Sarat Puthenpura (Open Networking Foundation)

14.30 - 15.00 Current and future challenges and potential improvements of the sustainability in telco networks.
Dr. Michael Düser (Deutsche Telekom AG)

15.00 - 15.30 Coffee Break

15.30 - 16.00 LLM-Based Kubernetes Misconfiguration Detection, Localization, Reasoning, and Remediation
Prof. Asaf Shabtai (Ben Gurion University, Beer Sheva)

16.00 - 16.30 Confidential Computing for the o-cloud
Klaus-Peter Hofmann (Deutsche Telekom Security GmbH)

16.30 - 17.00 Bringing realism into AI for Network automation
Mats Eriksson (Tietoenvy)

17.05 - 17.30 Keynote
Dr. Kim Larsen