

Wed Dec. 9th - Market and Industry Trends for IoT

9:00 Session 1: Setting the Scene: IoT from platforms and architectures to semantic interoperability

Chair: Enrico Scarrone, Telecom Italia and oneM2M Steering Committee Vice-Chair

- **09:00** ETSI Welcome
Adrian Scrase, ETSI CTO
- **09:10** Standardized service layering for IoT in oneM2M
Nicolas Damour, oneM2M Architecture WG Chairman
- **09:40 KEYNOTE:** Horizontal platforms offer fast track to vertical applications - Applicability of oneM2M to smart city and smart living
Omar Elloumi, oneM2M Technical Plenary Chairman
- **10:10** Demonstration overview
Laurent Velez, ETSI CTI

10:30 COFFEE AND DEMO VISIT

11:00 Session 2: Recent IoT Market Developments and Stakeholder Strategies

Chair: Ken Figueredo, More with Mobile

- **11:00** IoT market dynamics and their strategic implications for industry stakeholders
Ken Figueredo, More with Mobile
- **11:20** The Cloud Multi-Angle: Connecting value chains into durable IoT ecosystems
Arthur Van der Wees, Arthur's Legal B.V.
- **11:40** Business models, eco systems and value chains
Avihai Degani, IPGallery
- **12:00** Questions and Answers

12:30 – 13:45 NETWORKING LUNCH AND DEMO VISIT

- **13:45 KEYNOTE:** A single market for the Internet of Things: Large Scale Pilots, AIOTI and standardisation
Achilleas Kemos, European Commission

14:15 Session 3: What's New in Standards and Alliances

Chair: Josef Blanz Qualcomm

- **14:15** Using semantics and rich metadata to bridge IoT silos — W3C's work on the Web of Things
Dave Raggett, W3C
- **14:35** Integrating GlobalPlatform technology with the oneM2M Architecture
Hans Sebastian, GlobaPlatform
- **14:55** OMA, Service Capability exposure and the DM light
Joaquin Prado, OMA Technical Program Director
- **15:15** 3GPP for IoT
Rémi Lascoux, 3GPP GERAN3 Chairman

15:35 COFFEE AND DEMO VISIT

16:15 Session 4: Trends in wireless technologies for IoT and related security challenges

Chair: François Ennesser, Gemalto

- **16:15** Emerging Mobile IoT Technologies: Use cases, business and security requirements
Svetlana Grant, GSMA
- **16:35** Application of OneM2M technologies for Low Power Wide Area network radio communications (LPWA-LoRa) in the city and first client experiences feedback
Nicolas Jordan, Actility
- **16:55** DECT Ultra Low Energy (ULE): the ETSI approach to a mid-range wireless technology for IoT
Angel Bóveda, Wireless Partners
- **17:15** Security in Low Power Low Throughput network
Pierre Girard, Gemalto
- **17:35** Questions and Answers

17.45 Happy Hour !

Thu Dec. 10th - Smart City & Smart Living

9:00 Session 5: Smart and Sustainable Cities, Towards Large Scale and Integrated Deployments

Chair: Nicolas Damour, Sierra Wireless

- **09:00** oneM2M based R&D and large scaled pilot projects including Busan smart city in Korea
Jaehoon Jeong, Ministry of Science, ICT and Future Planning of the Republic of Korea
- **09:20** Massive IoT deployment in the city framework: Some lessons learned
José Antonio Galache, University of Cantabria, Santander, Spain
- **09:40** Construction sector / ICT / Linked Data, Key topics towards smart buildings and cities
Bruno Fiès, CSTB
- **10:00** oneTRANSPORT: A real oneM2M deployment to reshape the Transport Sector
Raphael Cepeda Lopez, InterDigital Communications
- **10:20** A middleware for M2M services in the IoT segment of Intelligent Transport Systems
Paolo Pagano, CNIT

10:40 COFFEE AND DEMOS

11:15 PANEL DISCUSSION: Opportunities and Challenges in the Wide Scale Deployment of Smart Cities

Chair: Achilleas Kemos, European Commission

- Jaehoon Jeong, Ministry of Science, ICT and Future Planning of the Republic of Korea
- José Antonio Galache, University of Cantabria, Santander, Spain
- Bruno Fiès, CSTB
- Joachim Koss, ETSI STF 505

12:30 Networking lunch + DEMO VISIT

14:00 Session 6: Smart Living - Challenges Towards Large Scale Interoperability

Chair: Patricia Martigne, Orange

- **14:00** SAREF ontology for smart appliances: status, evolution and testing
Svetoslav Mihaylov European Commission & Jasper Roes, TNO
- **14:30** The integration of M2M and CEN/CENELEC standards for Smart Metering.
An update on activities
Willem Strabbing, ESMIG
- **14:50** Achieving Interoperability in the IoT/M2M Market
Hans-Werner Bitzer, HGI

15:10 COFFEE AND DEMOS

15:45 Session 7: From Smart Living to Well Being, e-health

Chair: Josef Blanz Qualcomm

- **15:45** Personal Connected Health Alliance (PCHA) – Who, What, Why
Laurent Bouskela, Market Adoption Working Group chair for Continua
- **16:05** Ambient Assisted Living: The European Landscape and Links to IoT
Saied Tazari, Fraunhofer IGD



16:30 PANEL DISCUSSION : Smart Living Challenges

Chair Omar Elloumi, Alcatel-Lucent, oneM2M TP Chair

- Avi Barel, ULE Alliance
- Willem Strabbing, ESMIG
- Hans-Werner Bitzer, HGI
- Ian Hay, Chair of the Technical Working Group, Continua Alliance
- Emmanuel Darmois, ETSI STF 505

17.45 Happy Hour!

Fri Dec. 11th - Implementation and Large Scale Projects

09:00 Session 8: Standards and Open Source, Complementarity or Competition?

Chair: Anthony Wiles, ETSI

- **09:00** The power of open source implementations to oneM2M standards
Jaeseung Song, Sejong University and KETI
- **09:20** Open Interconnect Consortium and Iotivity, Open standards and open source, how can they leverage each other?
Stéphane Lejeune, Cisco
- **09:40** Driving IoT adoption with Open Source and Open Standards
Benjamin Cabé, Eclipse Foundation
- **10:00** Applicability of the Leshan Open Source for IoT platform
Paunescu Octavian, Hewlett Packard

10:20 COFFEE AND DEMOS

11:00 Session 9: Semantic interoperability, the next challenge for the IoT industry

Chair: Martin Bauer, NEC

- **11:00** ETSI smartM2M: Smart Appliances Standardization and supporting activities in oneM2M
Enrico Scarrone, Telecom Italia
- **11:20** Semantic back-end support for OneM2M implementation
Hassan Ali, HDE labs
- **11:40** Resource Discovery in IoT: Current Trends, Gap Analysis and Future Standardization Aspects
Soumya Kanti Datta, Eurecom

12:00 TAKE AWAY /WORKSHOP CONCLUSIONS

Enrico Scarrone, Nicolas Damour, Omar Elloumi
Prize draw from Quiz to participants

12:30 GRAB A SANDWICH AND TAKE OFF!