



Internet of Things and Smart Cities & Communities Platform Convergence

IoT Week, Bilbao, Spain, 6-7 June 2018

About the workshop:

The adoption of Internet of Things in various smart city ventures across the globe has propelled the idea of exploiting information and communication technologies (ICTs) to support urban services.

With the goal to improve the quality of life of citizens, various stakeholders in cities are building alliances and initiating projects with public and private entities to explore new technologies.

In this scenario, there is a need to manage and integrate different types of knowledge to efficiently and effectively support the exploration and exploitation of IoT.

Smart cities are about to bring positive social change. Driver of this change are IoT-based services for citizens and the adoption of IoT-enriched governance and human capital among the citizenry.

But certain gaps still exist in the planning, execution and interoperability of IoT-based services. In this workshop, several international initiatives and organisations pool together their knowledge and discuss the potential of converging towards open and interoperable solutions for smart cities.

The workshop will:

- Explore the role of IoT in existing smart city initiatives
- Showcase successful international initiatives in the IoT and smart city domain
- Present feasible frameworks for IoT-enabled smart cities
- Discuss the proposition of Open API and interoperability in smart cities
- Examine personal data protection in smart cities
- Develop and coordinate a standardisation strategy for IoT and smart cities
- Reflect on the role of smart cities in win-win joining and sharing among related research, innovation, and deployment initiatives.



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Internet of Things for Smart Cities & Communities Convergence

Programme

Day 1 – 6 June 2018

09:00 – 09:15

Sala Barria I

Welcome & Opening

Martin Brynskov, Chair, Open & Agile Smart Cities (OASC)

Sébastien Ziegler, Director, Mandat International & IoT Forum

09:15 – 09:45

Sala Barria I

Keynote speech

Bilel Jamoussi, Chief of the Study Groups Department at the Standardization Bureau of the ITU.

09:45 – 10:45

Sala Barria I

TRENDS: Insights on Recent Trends and Evolution

Chair: **Nikolaos Kontinakis**, Senior Project Coordinator, EUROCITIES

- **Tanía Marcos**, Head of Quality and Smart Cities, UNE
- **Petra Turkama**, Director, Center for Knowledge and Innovation Research, Aalto University
- **Paul Wilson**, Chief Marketing Officer, TMForum
- **Ulrich Ahle**, CEO, FIWARE Foundation
- **Vinicius Garcia de Oliveira**, Campinas City Living Lab, CPqD
- **Bipin Pradeep Kumar**, Director/Co-Founder, Gaia Smart Cities
- **Jacco Brouwer**, City of Amsterdam

12:00 – 13:00

14:00 – 15:00

Sala Barria II

INTEROPERABILITY Platform and Solutions

Convergence & Interoperability (Part I)

Chair: **Tanya Suarez**, Founder, IoT Tribe

- **Olavi Luotonen**, European Commission, DG Connect, IoT
- **Svetoslav Mihaylov**, European Commission, DG Connect, Smart Mobility and Living
- **Jesús Cañadas**, Head of Sector, Secretary of State, Information Society and the Digital Agenda, Spain
- **Lindsay Frost**, Chairman of ETSI ISG CIM, ETSI Board Member, Chief Standards Engineer of NEC Laboratories Europe
- **Kees van der Klauw**, Chair, Alliance for IoT Innovation (AIOTI)
- **Ramy Ahmad Fathy**, Vice Chair, ITU-T Study Group 20 on IoT and Smart Cities
- **Martin Brynskov**, Chair, OASC
- **José Manuel Cantera**, Senior Technological Expert & Architect, FIWARE Foundation
- **Omar Elloumi**, Chair, AIOTI WG08, Technical Chair, OneM2M, Nokia Bell Labs

15:15 - 17:45

INTEGRATION: Breakout sessions

Breakout A: Integration and Interoperability (Sala Barria II)

Chairs: **Alex Gluhak**, Head of Technology, IoT Lead, Digital Catapult & **Eunah Kim**, Head of Research and Development, Device Gateway, UDG Alliance

- **Hanna Niemi-Hugaerts**, Program Director IoT, Forum Virium Helsinki
- **Antonio Skarmeta**, Technical Coordinator, MiMurcia Smart City project



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Breakout B: Cross-domain applications (Sala A3.1)

Chair: **Martin Brynskov**, Chair, OASC & **Nathan Pierce**, Chair of the Board of Coordinators, EIP-SCC01, Greater London Authority

- **Javier Garcia Diaz**, Vice-President Technical/ CENELEC; Director General, UNE
- **Ulrich Fastenrath**, Head of Mobility and Fleet Intelligence, BMW; BioTope project
- **Benno Seiler**, Deputy Director Urban Development, Head of Economic Development at City of Zürich, CPaaS.io project
- **Claus Mullie**, Consultant, Bax & Company, SCORE project

17:45 – 18:30

Wrap-up & closing

Sala Barria II

Martin Brynskov, Chair, Open & Agile Smart Cities

Sébastien Ziegler, Director, Mandat International & IoT Forum

Day 2 – 7 June 2018

09:00 – 09:15

Welcome

Sala Barria II

Martin Brynskov, Chair, Open & Agile Smart Cities (OASC)

Sébastien Ziegler, Director, Mandat International & IoT Forum

09:15 – 10:45

High-Level Panel: IoT, SDGs and Urban Agendas

Sala Barria II

Chair: **Bilel Jamoussi**, Chief of the Study Groups Department at the Standardization Bureau of the ITU.

- **Enrique Martínez**, National Plan Coordinator for Intelligent Cities, Spain
- **Anatole Krattiger**, former Director, Global Challenges, WIPO
- **Sushil Kumar**, Deputy Director General (IoT), Department of Telecommunications, MoC & IT, Government of India (tbc)
- **Mika Rantakokko**, Coordinator, Urban Agenda for the EU; BusinessOulo

11:15 – 12:30

IMPLEMENTATION: Large Scale Pilots and Open Calls

Sala Barria II

Chair: **Jarmo Eskelinen**, CITO, Future Cities Catapult

- **Gemma Guilera**, SME Programme Lead, Future Cities Catapult, SynchroniCity IoT LSP
- **Sjaak Wolfert**, Senior Scientist, Wageningen University, IOF2020 IoT LSP
- **Alicia Cano**, Business Developer, Medtronic Ibérica, ActiveAge IoT LSP
- **John Davies**, BT Research
- **Arturo Medela Ceballos**, Head of R&D, TST Sistemas, OrganiCity project
- **Juan Echevarría Cuenca**, Municipality of Santander

12:30 – 15:30

CONVERGENCE: Breakout Sessions

Breakout C: IoT & Smart Cities: Personal Data Protection Strategies and Guidelines (Sala Barria II)

Chair: **Mara Balestrini**, CEO, Ideas for Change & **Antonio Kung**, CTO, Trialog (tbc)

Speaker:

- **Pasquale Annicchino**, Senior Consultant, Archimède



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Breakout D: Open APIs (Sala A3.3)

Chair: **Martin Brynskov**, Chair, OASC & **Sébastien Ziegler**, Director, Mandat International & IoT Forum

Speaker:

- **Martino Maggio**, Senior Researcher, Engineering, SynchroniCity project
- **Marco Carugi**, Senior Consultant, ITU-T SG20 and AIOTI WG03
- **Arianna Brutti**, ENEA, IES City Framework

15:30 – 16:55 IoT Standards Trends & Convergence: Towards cross-domain standards-based innovation

Sala A4

Chair: **Bilel Jamoussi**, Chief of the Study Groups Department at the Standardization Bureau of the ITU

- **Jesús Cañadas**, Head of Sector, Secretary of State, Information Society and the Digital Agenda, Spain
- **Omar Elloumi**, Chair, AIOTI WG08, Technical Chair, OneM2M, Nokia Bell Labs
- **Raul Garcia Castro**, Universidad Politécnica de Madrid, SAREF4CITIES project
- **Marco Carugi**, Senior Consultant, ITU-T SG20 and AIOTI WG03
- **Gilles Thonet**, Head of ICT Standards Coordination, International Electrotechnical Commission
- **Patrick Guillemin**, Technical and Senior Research Officer, AIOTI - ETSI

16:55 – 17:00 Wrap up & Closing Session

Chair: **Martin Brynskov**, Chair, OASC & **Sébastien Ziegler**, Director, Mandat International & IoT Forum



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