ETSI **IoT Week 2022**

Sophia Antipolis (France), Oct. 12-13th, 2022

Sessions 6 and 10:

THE ROLE OF EDGE IN IoT

Chaired by Dario Sabella (Intel, ETSI MEC Chair)

ETSI MEC: Enabling *Edge* through *Standardization*

ETSI

MEC
*close to the user,
at the EDGE!*

Watch the new video on MEC

https://www.youtube.com/watch?v=crnPWql-0oo

ETSI ISG MEC

ETSI: The Standards People
We produce globally applicable standards for ICT-enabled systems, applications and services deployed across all sectors of industry and society

MEC: Multi-access Edge Computing
Cloud Computing at the Edge of the network.

ISG: Industry Specification Group
open to all of industry, regardless of ETSI membership and focused on all industry needs
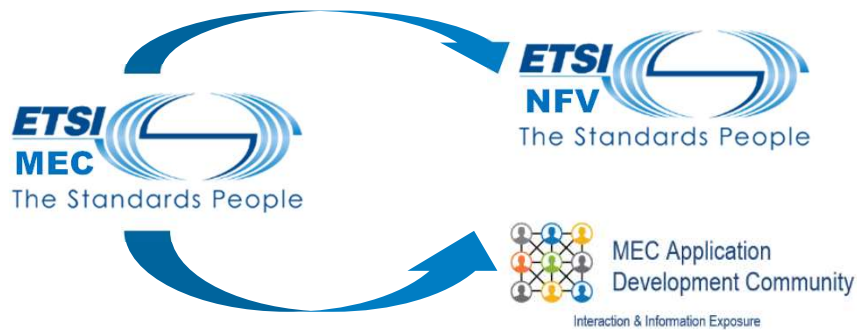
Standards + Industry Enablement + Telco Edge Focus

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ETSI MEC – What we do

Foundation for Edge Computing created – Fully standardized solution to enable applications in distributed cloud created by ETSI MEC + 3GPP

Application Life Cycle Management

RESTful based APIs for Runtime Application Services

Look at the new webpage with the **ISG MEC Leaders** and **Support Team**

https://portal.etsi.org/TB-SiteMap/MEC/MEC-Leaders-and-Support-Team

126 members - Operators – Technology Vendors – IT players – Application developers

11:30 SESSION 6: THE ROLE OF EDGE IN IoT (to be continued in Session 10)

Session Chair: Dario Sabella, ISG MEC Chair, Intel

This session will explore the role of edge computing in IoT environments, by providing an overview of standardization activities and related gaps, complemented by some application use cases (e.g. railways) and exemplary MEC implementation related to IoT service API; it will also introduce the emerging edge-native paradigm applied to the ASSIST-IoT approach for the Next NG-IoT Decentralized Architecture

11.30 MEC IoT Service: an Overview
Marco Centenaro, Athonet S.r.l.

11.50 High Priority Edge Computing Standardisation Gaps and Relevant SDOs
Orfeas Voutyras, Institute of Communications and Computer Systems

12.10 Transparent Access to Edge Computing Services for IoT Applications
Josef Hammer, Alpen-Adria-Universität Klagenfurt

12.30 Iot and Edge Computing as Enabling Technologies for Data Spaces
Antonio Kung, Trialog

12.50 Lunch & Networking Break
Demonstration Visits

IoT Week 2022

11.00 SESSION 10: THE ROLE OF EDGE IN IoT (continuation of Session 6)

Session Chair: Dario Sabella, ISG MEC Chair, Intel

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11.00 Edge-Native Paradigm: ASSIST-IoT Approach for the Next NG-IoT Decentralized Architecture
Ignacio Lacalle, UPV

11.20 The Role of the Edge in IoT-Based Railway Diagnostic Satellite and 5G Integrated Networks
Lorenzo Santilli, Telecom Italia

11.40 Panel discussion

led by the session chair

- Marco Centenaro, Athonet S.r.l.
- Josef Hammer, Alpen-Adria-Universität Klagenfurt
- Antonio Kung, Trialog
- Ignacio Lacalle, UPV
- Lorenzo Santilli, Telecom Italia
- Orfeas Voutyras, Institute of Communications and Computer Systems

12.15 Lunch & Networking Break
Demonstrations Visits

Thank you for your attention

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