IoT Conference 2023

The ETSI IoT conference and the ETSI IoT Activities

Presented by: Enrico Scarrone

ETSI IoT Conference chair

TC SmartM2M Chair

OneM2M Steering Committee chair

4 July 2023

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ETSI IoT Conference
IoT Technologies for Green and Digital Transformation
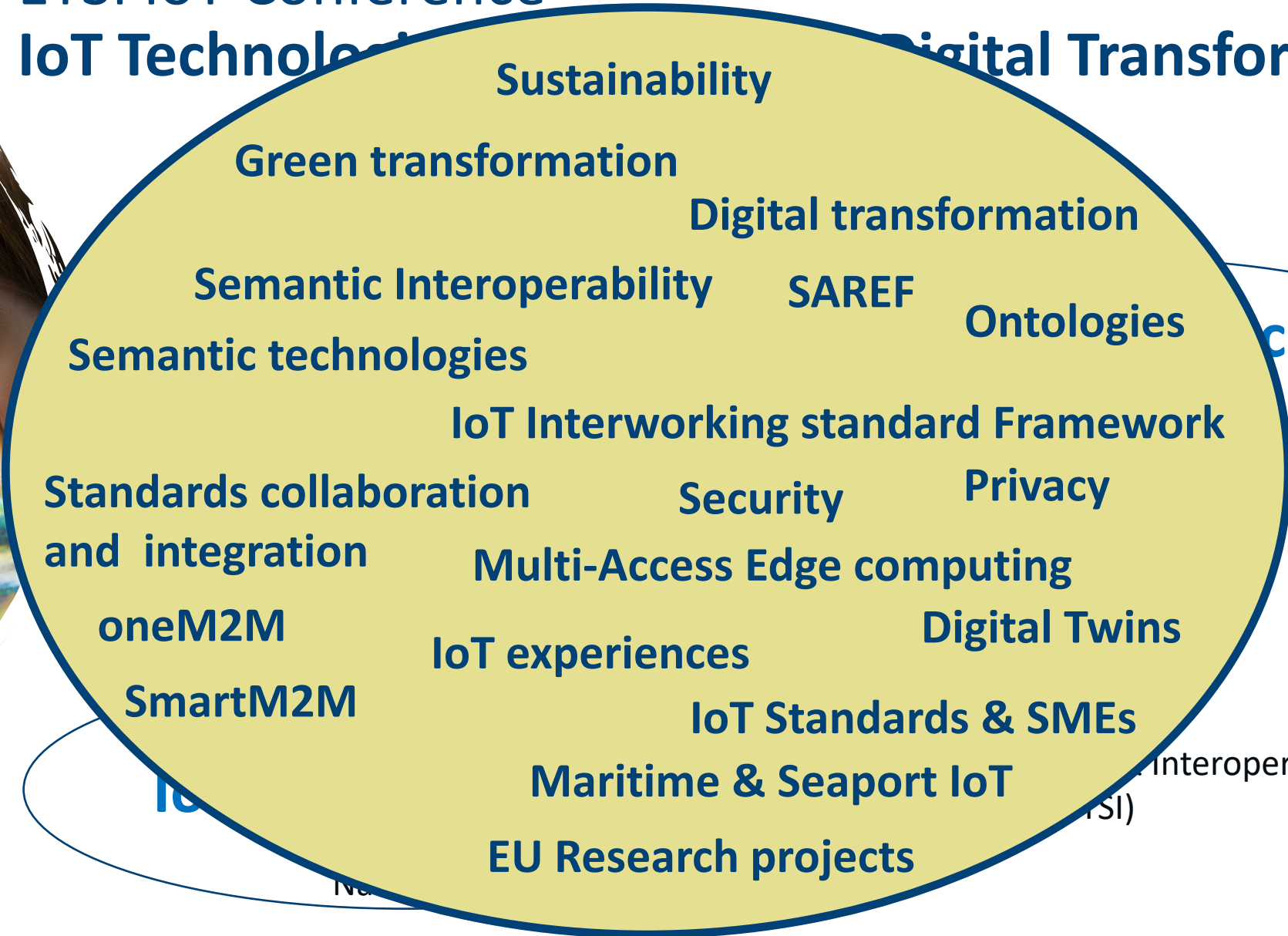
Special thanks to:
- The Program Committee members
- ETSI Events and to
  Emmanuelle Boswarthick (ETSI)

**IoT Conference
4-5-6 July**

**IoT demonstration
4-5-½6 July**

Special thanks to:
- Centre for Testing & Interoperability and to
Xavier Piednoir(ETSI)

ETSI IoT Conference
IoT Technologies ... Digital Transformation

Sustainability
Green transformation
Digital transformation
Semantic Interoperability   SAREF
Semantic technologies   Ontologies
IoT Interworking standard Framework
Standards collaboration   Security   Privacy
and integration
Multi-Access Edge computing
oneM2M
IoT experiences   Digital Twins
SmartM2M
IoT Standards & SMEs
Maritime & Seaport IoT
EU Research projects

ETSI: The open, global ICT standards organization…

- Open, inclusive environment

  - To support the development and testing of globally applicable standards

  - For ICT systems and services across all sectors of industry and society

- Independent, non-profit organization with fair IPR policy

- 30+-years track record of technical excellence in the ICT sector

- Available to all, our standards are free of charge (www.etsi.org ->standards)

- Officially recognized by the European Union to support EU regulation and policies
  https://www.etsi.org/standards/types-of-standards

- ❖ Over 900 members

- ❖ over 56 000 standards published to date

- ❖ Over 3000 standards published in 2022

- ❖ Over 16 million downloads in 2022

- ❖ Over 100 technical groups and 4000 meeting per year

The power of global and local partnerships…

- Over 100 strategic partnership agreements
  - With other fora and consortia
  - With international and regional Standards Developing Organizations around the world
- Driving global standardization on ITC and telecommunication

3GPP

- Over 800 members from worldwide telecommunications SDOs
- Provides system specifications for cellular telecommunications network technologies up to 5G www.3gpp.org

oneM2M

- Over 200 players from worldwide telecommunications SDOs
- Provides a horizontal layer of functions to support applications and services for the Internet of Things www.oneM2M.org

ETSI and IoT

3GPP	**oneM2M**	**ATTM**	BRAN	BROADCAST
CABLE	**CYBER**	**DECT**	**EE**	**eHEALTH**
EMTEL	ERM	ESI	HF	INT
ITS	LI	MSG	MTS	RRS
RT	SAFETY	SAGE	SES	SET
SmartBAN	**SmartM2M**	STQ	TCCE	TSA
USER	ARF	**CDM**	**CIM**	**ENI**
ETI	F5G	**MEC**	mWT	**NFV**
NIN	OEU	PDL	QKD	RIS
SAI	THz	**ZSM**	OSM	TFS

For the technical information about groups,
-TECHNOLOGIES pages: https://www.etsi.org/technologies
-COMMITTEE pages : https://www.etsi.org/committees
ETSI Annual Report and Work Program report (with 2023-2024 plan)
https://www.etsi.org/media-library/work-programme-and-annual-reports

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**Grazie!
Thank you !**