https://mecwiki.etsi.org/index.php?title=Edge_Discovery_Events

# *Edge Discovery Events*

# Cybersecurity at the edge: opportunities and challenges toward 6G


Moderated by:

Dario Sabella

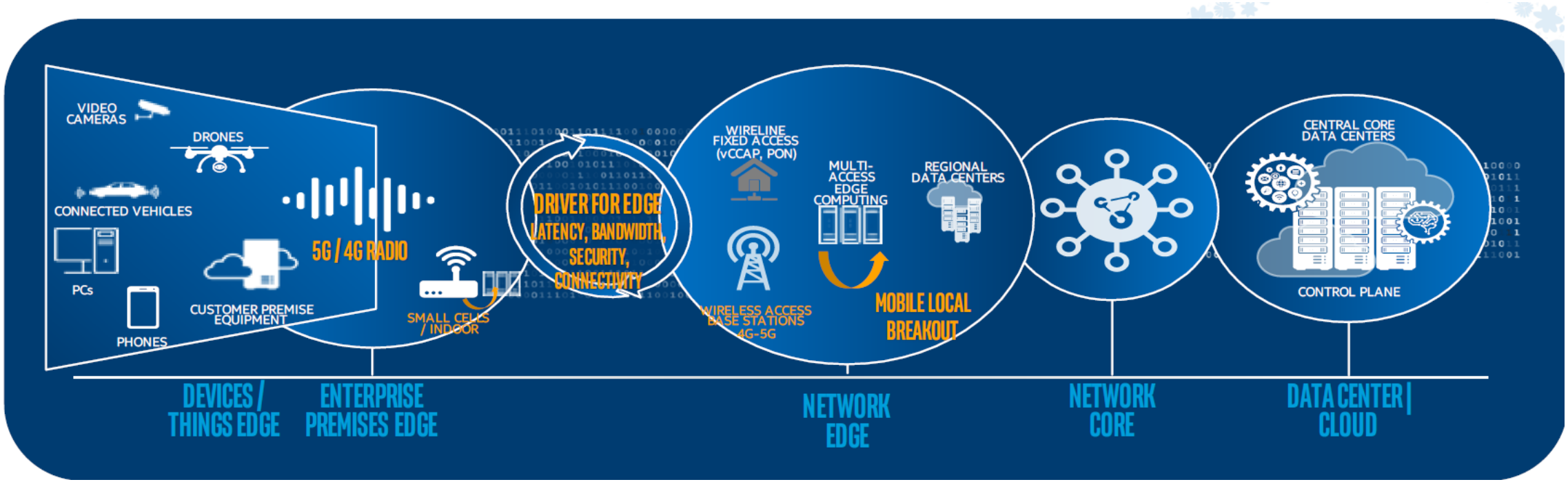
VP at xFlow Research, ETSI MEC Chair


*December 10th, 2024 – Athens, Greece (and hybrid)*

# Edge Security – an end-to-end perspective

- Diverse Ecosystem and stakeholders
- Multiple deployment options and KPIs
- Open market and new business models

In this heterogeneous context, security, privacy and trust are key topics for the edge



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# Cybersecurity at the edge

Organizers: Nurit Sprecher and Dario Sabella

The edge is becoming a hybrid multi-cloud environment, federating communication and computing assets from operators, service providers and hyperscalers. This fundamental nature of the edge deployments has certainly a huge impact on security, as a user workload may execute in an environment involving multiple stakeholders. Additionally, security decisions are in principle very complex and depend on several factors, which need to be analyzed from an E2E perspective, also including terminals and IT infra at the edge. In particular, automotive sector is a key domain where MEC deployments are key to deliver services to customers, and where also there is an increased need for security (due also to the progressive introduction of automated and connected cars, where softwarization and introduction of AI is a ubiquitous phenomenon in all parts of the infrastructure). In that perspective, also AI systems and their related governance, will be a challenge also toward 6G systems, future technology infrastructure will be AI-native and edge-native by design. This panel will provide a must-have overview on edge computing cybersecurity, with a special focus on automotive use cases. The speakers, as relevant international experts in the area, will provide a comprehensive view of the state-of-the-art, encompassing standards (e.g. 3GPP, ETSI, IETF), compliance, regulations (ENISA, ETSI, CEN, CENELEC), certification schemes (e.g. EUCC, EUCS, CRA, EU5G), and best practices from industry (e.g. GSMA, 5GAA), including trust management frameworks from research projects (e.g. CONNECT, VERGE, Hexa-X), also with a perspective on recent normative challenges related to adoption of AI. The final goal will be to provide a diverse set of points of view from industry and research, not only to demystify edge cybersecurity, but also to identify promising directions toward future 6G systems.

# Cybersecurity at the edge - panelists

- Akis Kourtis (Researcher, National Centre for Scientific Research “Demokritos”)
- Claire Vishik (CTO, Stealth Startup, independent security expert)
- Slawomir Gorniak (Senior Cybersecurity Expert at ENISA)
- Vassiliki Gogou (Senior Cybersecurity Expert at ENISA)
- Riccardo Masucci (Managing Director EU Affairs, Head of Brussels Office, Intel)
- Dario Sabella (Chairman, ETSI MEC – Multi-access Edge Computing, VP at xFlow Research)
- Ioannis Krontiris (Senior Research Engineer, Huawei)
- Eric Gauthier (GSMA FSAG chair, Orange)

# Thank you for your attention