

# The 2017 IEEE International Conference on Software Quality, Reliability and Security



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<http://paris.utdallas.edu/qrs17>

## IoT Workshop Invited Speaker

### **Ernö Kovacs**

Senior Manager, Networking Laboratories  
NEC Europe Limited, Germany



**Ernö Kovacs** worked from 1986-90 at IBM's European Networking Centre (ENC) on topics like multimedia e-mail, multimedia documents and distributed hypermedia systems. From 1991 to 1996 he was at the Institute of Parallel and Distributed High-Performance Systems (IPVR) of the University of Stuttgart, working on middleware for distributed systems, tele-cooperation and workflow systems.

In 1997 he joined Sony's R&D lab in Stuttgart and was responsible for research projects in mobile multimedia, multi-access service portals (integrating mobile and broadband access), context-aware services, adaptation technologies, Bluetooth PAN standardization, and middleware for UWB-based ad-hoc networks.

In 2005 he joined NEC's "Networking Laboratories" as Senior Manager for "Cloud Services and Smart Things". His group works on Cloud Computing, M2M, IoT analytics, self-organisation and context-aware services. He is currently contributing to the FIWARE, FIESTA and AUTOPILOT projects. He was an advisor to the Singapore Smart Nation program in the Functional Specification round table and was leading NEC's engagement in the Safe City Singapore test bed on crowd detection/steering technologies for public safety. He is currently leading the FIWARE Foundation Smart Industry Domain Committee.

Dr. Kovacs has publications in various journals (including "IEEE Communication Magazine" and "IEEE Personal Communications"), conferences (incl. "IEEE Big Data Congress") and books. He is TPC member of several conferences and works as reviewer for IEEE. He holds 27 granted patents. In the past, he served several times as opponent for PhD defences.