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Markus Ullmann received a degree in electronic engineering from the Bergische University Wuppertal. Since 1991 he is with the Federal Office for Information Security (BSI) in Bonn (Germany). Since 1994 he is section head at the BSI. At the BSI he works on applied security research. In the beginning his primary work was on the application of formal methods for the development of secure systems as well as formal verification techniques including tool support. Later on he moves to security in pervasive computing like Radio Frequency Identification (RFID) and Wireless Sensor Networks (WSN). Currently, he is working on biometric template protection, physical fingerprinting of wireless transceiver and automotive security.

During his professional activities he had a lot of specific responsibilities. Currently, he is head of the security working group for automated and connected vehicles of the Federal Ministry of Transport and Digital Infrastructure in Germany.

Since 2009 he is honorary Professor for information security at the Computer Science Department of the Bonn-Rhein-Sieg University of Applied Sciences and member of the Institute of Security Research. He teaches courses on security tokens, applied cryptography and electronic identification technologies.

Markus Ullmann has 27 year experience on computer security. He has published papers on biometrics, formal methods, PKI for ITS roadside stations, privacy issues of the vehicle-2-vehicle communication, RFID crypto protocols, secure time synchronization, secure wireless sensor networks and secure user interfaces for smart devices. He gave invited talks and numerous presentations at national and international conferences. Furthermore, he is member of different program committees.

Markus Ullmann's contribution to the IARIA started in 2014. He is author and co-author of several articles presented at IARIA conferences and published in IARIA journals. He has been session chair and panellist at IARIA conferences. Two of his contributions have been awarded with Best Paper Awards.