Dr. Wolfgang Leister is assistant research director at Norsk Regnesentral (Norwegian Computing Center), located in Oslo, Norway. He received the Dr. rer.nat. degree in 1991 from the University of Karlsruhe, Germany (now: Karlsruhe Institute of Technology), for his research within computer graphics and computer animation. After some years as software developer of a metrology system at Metronor AS, he joined Norsk Regnesentral in 1997.

His research interests cover smart information systems, multimedia, computer graphics and animation, computer and sensor networks, health care applications, and mobile systems. He participated in one of the first projects to create a ray-traced computer animation of considerable length in 1987, and developed the concept of computer-generated copper plates. Recent projects include ADIMUS (Adaptive Internet Multimedia Streaming), SAMPOS (Strategies for Seamless Deployment of Mobile Patient Monitoring Systems), uTRUSTit (Usable Trust in the Internet of Things), and national projects within biomedical sensor networks, QoS/QoE in broadcasting/multimedia, and 3D presentations of cultural heritage artefacts. He publishes regularly from his research at conferences and in journals. He serves in several steering committees, such as the Norwegian Computer Graphics Association (NORSIGD), and is reviewer for a variety of conferences.

Wolfgang is lecturing at the University of Oslo (Open Source, Open Collaboration and Innovation), and has co-authored a compendium to this subject. He has also lectured on multimedia coding and applications, and in computer graphics. Other interests include contributing to the Openstreetmap project, and mountain trekking where he acts as a tour guide for the Norwegian Trekking Association and gives courses on the use of GPS devices for hiking.

Wolfgang has been involved in IARIA conferences since 2008, with presentations, and as member of technical committees and advisory panels (ICSNC, PESARO). He has chaired a number of sessions at these conferences. He has co-authored award-winning papers in ICSNC2008 on the "Use of MPEG-21 for Security and Authentication in Biomedical Sensor Networks", in ICSNC2010 on "Estimation of Subjective Video Quality as Feedback to Content Providers", in SECUREWARE2011 on "Migration towards a more secure authentication in the Session Initiation Protocol", in ICN2011 on "Improving SIP authentication", in PESARO2011 on "Verifying Distributed Algorithms with Executable Creol Models". Wolfgang was a panellist and panel chair at the PESARO2011 conference in Budapest.