

PFARRKIRCHEN, GERMANY

DIGIHEALTHDAY-2021

GLOBAL DIGITAL HEALTH – TODAY, TOMORROW, AND BEYOND

12
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DigiHealthDay™ Speaker



Martin Wulf Gerdes, Ph.D.
Associate Professor of ICT and eHealth
University of Agder, Norway

Martin Wulf Gerdes is Associate Professor in Information and Communication Technology (ICT) specialized in "eHealth", and also a member of the e-Health Research Centre at the University of Agder, Norway. He has a PhD within the field of telehealth and telecare at the University of Agder, Norway, combining the disciplines of ICT and healthcare. An experienced researcher of more than 15 years in the telecommunication industry and applied industrial research. He also has a Diploma Engineer in General Electrical Engineering, from the Rheinisch-Westfälische Technische Hochschule (RWTH) in Aachen, Germany.

His research is in the field of interdisciplinary and is focused on the application of digital technologies (information technology, computer systems, human-computer-interaction design, artificial intelligence) in the healthcare domain, aiming at accessible, safe, user-friendly, interoperable and efficient digital health solutions for all citizens in their various roles (patients; healthcare professionals; other stakeholders), understanding and considering their diverse needs and preferences.

Gerdes has research interests in distributed health information system architectures (discipline of Health / Bio-Informatics), personalized decision support and recommendations based on health and wellness monitoring and the use of Artificial Intelligence (Pervasive Health), and in the application of User-Centered Design methodologies within global and universal e-Health.

Besides his experience from the private industry, he has been working with various international research institutions (including the Queensland University of Technology, Brisbane/Australia, Griffith University, Brisbane/Australia, Auckland Technical University, New Zealand, University of Oslo/Norway, Cardiff Metropolitan University, Wales/UK, Amrita University, Tamil Nadu/India, Luleå Technical University, Sweden).

Martin Wulf Gerdes is a partner in national Norwegian and European research projects on telehealth, mobile health, and global health (also funded by British AHRC to improve healthcare support for rural communities in India), and management and mitigation of the COVID-19 pandemic with digital health tools (funded by the Norwegian research council). In the public sector he collaborates with health institutions such as the South Norway regional hospital, and with rural clinics in South Africa and India.

