

PhD Computer science
Terje Solvoll
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Terje Solvoll works as a senior researcher at Norwegian Centre for Telemedicine (NST) at the University Hospital of North Norway. He started here as a project manager and researcher in 2006, managing research projects within eHealth and telemedicine. His projects mainly involves wireless technology and communication, where context sensitive communication systems and interruption management has occupied most of his time the since 2007. During this time, he has done a PhD and developed a context sensitive mobile communication system for hospitals called CallMeSmart. CallMeSmart is being commercialized by the end of 2014.

Since 2011, Terje Solvoll has been publishing in IARIA conferences and Journals. He has attended the program committee for eTELEMED and INFOCOMP since 2011 and been reviewing papers for these conferences. In 2012 he co-authored a paper that was invited to be published in IARIA journals, which was completed in 2013.

Terje Solvoll started his career as a researcher in Telenor R&D early in 2001 as a Cand. Scient within computer science. Here he worked mainly with mobile phones and mobile technology. He managed projects developing interactive real time multiplayer games for mobile phones using PDA's and WiFi to simulate smartphones and UMTS, or 3G networks before 3G was available. In this project, he collaborated with Compaq R&D department in Huston USA. He worked further with tracking within WiFi, Bluetooth, GSM and low frequency radio networks, sending positions from sheep's and signals from medical sensors attached to the animal to the farmer, using GSM networks. In this project, he collaborated with MIT Media lab in Boston Massachusetts USA, center for Things That Think.

In 2003, Terje Solvoll left Telenor and started to work with in the commercial industry and satellite communications. He worked as a Systems Supervisor for a company called Dialog, which delivers ship-shore IT services to the ships and electronic reporting systems to fishing vessels through satellite communication. He worked here until 2006, and after several hospital stays, he decided to go back to research, and mainly research within telemedicine.

In April 2006, he started at NST as a project manager for an eczema-counselling project, where parents of children suffering of atopic eczema could have counselling using Internet to communicate with dermatologist to treat the patients, and avoid hospitalization. In 2007, he started to work with his PhD, within mobile communication for hospitals, which he finished in 2013. During this time, he has been involved in several other projects, which involves professional networks for dentists, stroke diagnosing and treatment in rural areas using High Definition video conferencing systems through dedicated networks guaranteeing quality, decision-making systems, medical sensors, and more.