

Covering an unknown area with an RFID-enabled robot swarm

Puusepp, Andres; Tammet, Tanel; Reilent, Enar Mechanical design and power engineering 2014 / p. 1157-1162

<https://doi.org/10.4028/www.scientific.net/AMM.490-491.1157> [Article at Scopus](#) [Article at WOS](#)

Extendable data model for universal health records

Reilent, Enar; Lõobas, Ivor; Kuusik, Alar; Parve, Marko; Ross, Peeter AMA-IEEE Medical Technology Conference : Boston, 16-18 October 2011 2011 / [2] p. : ill

Home based monitoring system with wireless sensors that confirm stable balance and motor function readings during remission is feasible for patients with multiple sclerosis

Gross-Paju, Katrin; Maamägi, Heigo; Reilent, Enar; **Kuusik, Alar** Journal of the neurological sciences 2017 / p. 436

<https://doi.org/10.1016/j.jns.2017.08.3444>

Home rehabilitation system supported by the safety model

Kuusik, Alar; Sarna, Külli; Reilent, Enar pHealth 2013 : proceedings of the 10th International Conference on Wearable Micro and Nano Technologies for Personalized Health : June 26-28, 2013, Tallinn, Estonia 2013 / p. 145-151 : ill

Home telecare and rehabilitation system with aspect oriented functional integration

Kuusik, Alar; Reilent, Enar; Sarna, Külli; Parve, Marko Biomedical Engineering = Biomedizinische Technik ; 57 2012 / p. 1004-1007 : ill <https://pubmed.ncbi.nlm.nih.gov/23096276/>

Improving the data compatibility of PHR and telecare solutions

Reilent, Enar; Kuusik, Alar; Lõobas, Ivor; Ross, Peeter 5th European Conference of the International Federation for Medical and Biological Engineering : 14-18 September 2011, Budapest, Hungary 2012 / p. 925-928 https://link.springer.com/chapter/10.1007/978-3-642-23508-5_240

Medical and context data acquisition system for patient home monitoring

Reilent, Enar; Lõobas, Ivor; **Pahtma, Raido; Kuusik, Alar** BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 269-272

A multiplexed reconfigurable modular FBG-based sensor platform for flow and temperature measurements in the North Sea

Dzipsalski, Adrian; Morton, Jonathan A. S.; Papchristou, Nikolitsa; Maier, Robert R. J.; MacPherson, William N.; **Ristolainen, Asko; Reilent, Enar; Kruusmaa, Maarja;** Wolf, Ben J.; Piri, Primoz; Van Netten, Sietse M.; **Suhhova, Irina; Lips, Urmas;** McFarlane, Nathan; MacLeod, Robert; Hendry, Mark; Sheehy, Jack; Almoghayer, Mohammed; Rojas, Natalia; Davies, Gareth Proceedings of SPIE 2024 / 6 p <https://doi.org/10.1117/12.3031643> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Real-time data streaming for functionally improved eHealth solutions

Reilent, Enar; Kuusik, Alar; Puju, Madis Proceedings : IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI 2012) in conjunction with the 8th International Symposium on Medical Devices and Biosensors and the 7th International Symposium on Biomedical and Health Engineering "Global Grand Challenge of Health Informatics" : January 2-7, 2012, Hong Kong and Shenzhen, China 2012 / p. 140-143 : ill <https://ieeexplore.ieee.org/document/6211528>

RFID-based communications for a self-organizing robot swarm

Tammet, Tanel; Vain, Jüri; Puusepp, Andres; Reilent, Enar; Kuusik, Alar SASO 2008 : Second IEEE International Conference on Self-Adaptive and Self-Organizing Systems : 20-24 October, 2008, Venice, Italy : proceedings 2008 / p. 45-54 <https://ieeexplore.ieee.org/document/4663409>

Robot movement strategies in the environment enriched with RFID tags

Puusepp, Andres; Tammet, Tanel; Puju, Madis; Reilent, Enar 2012 International Conference on System Theory, Control and Computing (ICSTCC) : joint conference SINTES 16, SACCS 12, SIMSIS 16 : proceedings : October 12-14, 2012, Sinaia, Romania 2012 / [6] p. : ill <https://ieeexplore.ieee.org/document/6379287>

Semantic formal reasoning solution for personalized home telecare

Kuusik, Alar; Reilent, Enar; Lõobas, Ivor; Parve, Marko Proceedings of 2010 International Conference on Mechanical and Electrical Technology (ICMET 2010) : Singapore, September 10-12, 2010 2010 / p. 72-76 <https://ieeexplore.ieee.org/document/5598496>

Software architecture for modern telehealth care systems

Kuusik, Alar; Reilent, Enar; Lõobas, Ivor; **Parve, Marko** Advances on information sciences and service sciences 2011 / p. 141-151

Software architecture for modern telehome care systems

Kuusik, Alar; Reilent, Enar; Lõobas, Ivor; Parve, Marko Proceedings of the 6th International Conference on Networked Computing (INC 2010) : Gyeongju, Korea, May 11-13, 2010 2010 / p. 326-331 : ill <https://ieeexplore.ieee.org/document/5484807>

Software architecture for swarm mobile robots

Vain, Jüri; Tammet, Tanel; Kuusik, Alar; Reilent, Enar BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 231-234 : ill

Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering = [Tallinna Tehnikaülikooli väitekirjad]. C, Informaatika ja süsteemitehnika, 1406-4731 ; 80

Reilent, Enar 2012