

Δημοσιεύσεις

Χρήστος Αντωνόπουλος Επιστημονικός Συνεργάτης

Σύνολο δημοσιεύσεων: **44**

2019 (4)

- Christos P. Antonopoulos, Georgios Keramidas, Nikolaos S. Voros, Michael Huebner, Fynn Schwiegelshohn, Diana Goehringer, Maria Dagioglou, Georgios Stavrinou, Stasinou Konstantopoulos, Vangelis Karkaletsis, *Towards an ICT based Service Oriented Health Care Paradigm*, **IEEE Consumer Electronics Magazine**, IEEE, 2019
- Christos P. Antonopoulos, Konstantinos Antonopoulos, Christos Panagiotou, Nikolaos S. Voros, *Tackling Critical Challenges towards Efficient CyberPhysical Components & Services Interconnection: The ATLAS CPS Platform Approach*, **Journal of Signal Processing Systems**, Online article available at: <https://rdcu.be/bfrvl>, Springer, 2019
- K. Antonopoulos, Ch. Panagiotou, Ch. P. Antonopoulos, N. S. Voros, *A-FARM Precision Farming CPS Platform*, **10th IEEE International Conference on Information, Intelligence, Systems and Applications (IISA 2019)**, July 15th - 17th, Patra, Greece, 2019
- Spournias, T. Skandamis, E. Pappas, Ch. Antonopoulos, N. S. Voros, *Enhancing SLAM method for mapping and tracking using a low cost laser scanner*, **10th IEEE International Conference on Information, Intelligence, Systems and Applications (IISA 2019)**, July 15th - 17th, Patra, Greece, 2019

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- Konstantinos Christopoulos, Alexandros Raptis, Christos Antonopoulos, Theofanis Orfanoudakis, Nikolaos Voros, *A Scalable Approach to Efficient House Power Consumption and CO2 Management Through Fuzzy Logic*, **19th IEEE International Conference on Industrial Technology**, February 20th - 22nd, Lyon, France, 2018
- Christos Antonopoulos, Gerasimos Touliatos, Nikolaos Voros, Stavros Koubias, *Enhanced WSN Simulation Accuracy Through Novel Hardware in the Loop Approach*, **19th IEEE International Conference on Industrial Technology**, February 20th - 22nd, Lyon, France, 2018
- Christos Antonopoulos, Georgios Keramidas, Nikolaos S. Voros, *Robots in assisted living environments as an unobtrusive, efficient, reliable and modular solution for independent ageing: The RADIO Experience*, **14th International Symposium on Applied**

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- Ch. P. Antonopoulos, K. Antonopoulos, Ch. Panagiotou, N. S. Voros, *Tackling Wireless Sensor Network Heterogeneity Through Novel Reconfigurable Gateway Approach*, **14th International Symposium on Applied Reconfigurable Computing**, 269 - 280, May 2nd - 4th, Santorini Island, Greece, 2018
- Nikolaos Voros, Michael Huebner, Georgios Keramidas, Diana Goehringer, Christos Antonopoulos, Pedro C. Diniz, *Applied Reconfigurable Computing: Architectures, Tools, and Applications*, Springer, 2018
- Vaggelis Karkaletsis, Stasinios Konstantopoulos, Nikolaos Voros, Roberta Annicchiarico, Maria Dagioglou, Christos Antonopoulos, *RADIO - Robots in Assisted Living: Unobtrusive, Efficient, Reliable and Modular Solutions for Independent Ageing*, Springer, 2018
- Alexandros Spournias, Konstantinos Christopoulos, Kostas Antonopoulos, Christos Panagiotou, Christos Antonopoulos, Theofanis Orfanoudakis, Nikolaos Voros, *Experimental Evaluation of a Novel Personal Assistant in Greek Language for Ambient Assisted Living Environments employing home robots*, **IEEE South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference**, September 22nd - 24th, Kastoria, Greece, 2018
- Christos P. Antonopoulos, Christos Panagiotou, Konstantinos Antonopoulos, Alexandros Spournias, Nikolaos Voros, Fynn Schwiegelshohn, Philipp Wehner, Michael Huebner, Diana Göhringer, Raquel Ventura, Alberto Fernández, Georgios Stavrinou, Evangelinos Mariatos, *Integrating Robots and WSN: communications and interfacing aspects*, **RADIO -- Robots in Assisted Living**, 47 - 82, Springer, 2018
- Georgios Keramidas, Christos Antonopoulos, Nikolaos S. Voros, Fynn Schwiegelshohn, Philipp Wehner, Michael Huebner, Diana Göhringer, Evangelinos Mariatos, *Accelerating AAL Home Services using Embedded Hardware Components*, **RADIO -- Robots in Assisted Living**, 91 - 112, Springer, 2018
- Maria Rigou, Spiros Sirmakessis, Raquel Ventura, Alberto Fernández, Christos P. Antonopoulos, Nikolaos Voros, *Designing User Interfaces for Elderly*, **RADIO -- Robots in Assisted Living**, 113 - 148, Springer, 2018

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- Georgios Keramidas, Nikolaos Voros, Christos Antonopoulos, Fynn Schwiegelshohn, Philipp Wehner, Diana Göhringer, Evangelinos Mariatos, *Profile-driven Power Optimizations for AAL Robots: Maximizing Robots Idle Time by Offloading Monitoring Workload to Dedicated Hardware Components*, **IEEE Computer Society Annual Symposium on VLSI**, July 3rd - 5th, Bochum, Germany, 2017
- Alexandros Spournias, Theodore Skandamis, Christos P. Antonopoulos, Nikolaos S. Voros, *Door Detection Algorithm Development Based on Robotic Vision and Experimental Evaluation on Prominent Embedded Systems*, **19th International Conference on Speech and Computer (SPECOM 2017)**, September 12th - 16th, Hertfordshire, United Kingdom, 2017
- K. Antonopoulos, Ch. Petropoulos, Ch. P. Antonopoulos, N. S. Voros, *Security Necessity and its Impact on Smart Cities Wireless Sensor Networks*, **IEEE South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference**, September 23rd - 25th, Kastoria, Greece, 2017

- Christos P. Antonopoulos, Nikolaos S. Voros, *A Data Compression Hardware Accelerator Enabling Long Term Biosignal Monitoring based on Ultra Low Power IoT Platforms*, **Electronics** **2017**, 6(3), 54, MDPI AG, 2017

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- Christos Antonopoulos, Nikolaos Voros, Konstantinos Antonopoulos, Christos Petropoulos, George Krikis, *On Security Provision in Demanding Cyberphysical Bluetooth based Systems*, **Proceedings of IEEE South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference (IEEE SEEDA-CECNSM 2016)**, September 25th - 27th, Kastoria, Greece, 2016
- Christos Panagiotou, Christos Antonopoulos, Georgios Keramidas, Nikolaos Voros and Michael Hübner, *IoT in Ambient Assistant Living Environments: A View from Europe*, **Components and Services for IoT Platforms: Paving the Way for IoT Standards**, 281-298, Springer, 2016
- Konstantinos Christopoulos, Christos Antonopoulos, Nikolaos Voros and Theofanis Orphanoudakis, *Building Automation Systems in the World of Internet of Things*, **Components and Services for IoT Platforms: Paving the Way for IoT Standards**, 355-375, Springer, 2016
- Kostantinos Christopoulos, Alexandros Spournias, Theofanis Orfanoudakis, Christos Antonopoulos, Nikolaos Voros, *Designing the Next Generation of Home Automation Combining IoT and Robotic Technologies*, **20th Panhellenic Conference on Informatics**, November 10th - 12th, Patra, Greece, 2016

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- Fynn Schwiegelshohn, Philipp Wehner, Jens Rettkowski, Diana Göhringer, Michael Hübner, Georgios Keramidas, Christos Antonopoulos, Nikolaos S. Voros, *A Holistic Approach for Advancing Robots in Ambient Assisted Living Environments*, **Proceedings of 13th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC 2015)**, pp. 140 - 147, October 21st - 23th, Porto, Portugal, 2015
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- Christos Antonopoulos, Konstantinos Antonopoulos, Christos Petropoulos, Nikolaos S. Voros, *Experimental Evaluation of Bluetooth Real Time Capabilities in Communication Intensive Applications*, **Proceedings of 4th International Conference on Wireless Mobile Communication and Healthcare (MOBIHEALTH 2014)**, November 3th – 5th, Athens, Greece, 2014
- Christos P. Antonopoulos, Nikolaos S. Voros, André Bideaux, Panagiota Anastasopoulou, Stefan Hey, Wilhelm Stork, *Advanced multi-parametric Monitoring and analysis for diagnosis and Optimal management of epilepsy and Related brain disorders: The ARMOR Project*, **IST Projects - The quest for excellence towards 2020**, 34-55, SCITEPRESS, 2014

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- Ch. Antonopoulos, G. Krikis, N. Voros, *Efficient Hardware Based Security Algorithm Implementation for WSN Medical Applications: The ARMOR Perspective*, **9th International Symposium on Applied Reconfigurable Computing**, P. Brisk, J.G. de Figueiredo Coutinho, P.C. Diniz (Eds.): ARC 2013, LNCS 7806, pp. 235-236, March 25th - 27th, Los Angeles, United States, Springer-Verlag Berlin Heidelberg, 2013
- George Krikis, Christos P. Antonopoulos, Nikolaos S. Voros, *Design and Implementation of Efficient Reconfigurable Cipher Algorithms for Wireless Sensor Networks*, **11th IEEE International Conference on Industrial Informatics**, July 29th - 31st, Bochum, Germany, 2013

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