

WSRL 2015

October 7-9, 2015

University of Minho, Guimarães, Portugal

<http://parsec.unina2.it/a4c/index.php/wsrl-2015>

To be held in conjunction with

9th International Symposium on Intelligent Distributed Computing - IDC



Call for Papers

Control and intelligent applications are a vital part of modern large-scale systems in various application areas, such as energy generation and distribution, traffic control and critical infrastructure. Centralized control is being replaced by distributed and more open control systems that possess increasing levels of autonomy. Communication networks and intelligent systems are at the core of these developments. Such systems must be able to recover from the failures and intrusion in order to maintain their functions. Therefore, achieving resilience and security in the complex, interconnected, and interdependent systems of today requires an integrated approach in engineering to address of resilience considerations across all constituent systems, cyber and physical.

Topics

- ❖ Cyber-security engineering processes
- ❖ Risk management and vulnerability analysis in complex systems
- ❖ Case studies on security and reliability issues in critical infrastructures
- ❖ Security of cyber-physical systems
- ❖ Security information and event management for critical infrastructure protection
- ❖ Forensic data analysis
- ❖ Real-time intrusion detection and mitigation
- ❖ Distributed reaction and active defence for resilience
- ❖ Privacy and security of large-scale big data platform
- ❖ Secure and resilient cloud environments
- ❖ Model verification and validation for dependability and security evaluation
- ❖ Formal verification, testing, analytical and experimental evaluation
- ❖ Simulation and modelling of resilient large-scale systems
- ❖ Metrics for quantifying the security of resilient evolving systems

Important Dates	General Chairs
Paper submission: March 30th, 2015 Author Notification: April 24th, 2015 Final Paper: May 22th, 2015	Massimo Ficco, Second University of Naples, Italy Salvatore D'Antonio, University Parthenope, Italy
All accepted papers will be included in the Symposium Proceedings, which will be published by Springer as part of their series Studies in Computational Intelligence .	Publicity Chair Salvatore Venticinquè, Second University of Naples, Italy
The best papers will be considered for publication in a Special Issue of Journal of High Speed Networks .	Program Committee Kotenko I., St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences, Russia Castiglione A., University of Salerno, Italy Palmieri F., Second University of Naples, Italy Choras M., University of Science and Technology, Poland Vallini M., Politecnico di Torino, Italy Coppolino L., University Parthenope, Italy Pietrantuono R., University Federico II, Italy

General Chairs

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