

WSRL 2014

September 3-5, 2014

Madrid, Spain

<http://parsec.unina2.it/a4c/index.php/home-wsrl-2014>

To be held in conjunction with

8th 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

- ❖ 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 dependability of resilient evolving systems
- ❖ Recovery-oriented and autonomic computing
- ❖ Real-time large-scale systems
- ❖ Security in systems engineering
- ❖ Cyber-security engineering processes
- ❖ Secure and resilient large-scale cloud environments
- ❖ Risk management and vulnerability analysis in complex systems
- ❖ Case studies on security and reliability issues in critical infrastructures
- ❖ Intrusion detection, mitigation and management
- ❖ Distributed reaction and active defence for resilience
- ❖ Privacy and security of large-scale big data platform

Important Dates	General Chair
Paper submission: April 4th, 2014 Author Notification: April 25th, 2014 Final Paper: May 25th, 2014	Massimo Ficco, Second University of Naples, 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 .	Program Committee Cinque Marcello, University of Federico II, Italy Ricciardi Sergio, Technical University of Catalonia, Spain Castiglione Aniello, Università di Salerno, Italy Ilsun You, Korean Bible University, Korea Palmieri Francesco, Second University of Naples, Italy Giannelli Carlo, Università di Bologna, Italy Boada Germán Santos, Technical University of Catalonia, Spain D'Antonio Salvatore, Univerità Parthenope, Italy Florin Fortis, West University of Timisoara, Romania
The best papers will be considered for publication in a Special Issue of <i>Journal of Ambient Intelligence and Humanized Computing</i>	

General Chair

Massimo Ficco, Second University of Naples, massimo.ficco@unina2.it