

ICSOC 2016 Workshops Program, October 10, 2016

Registrations – October 10, 08:00 – 09:00

Session 1 – Adaptive Service-oriented Systems – October 10, 90:00 – 10:30

- Decentralized Dynamic Adaptation for Service-based Collective Adaptive Systems
Bucchiarone, Antonio; De Sanctis, Martina; Marconi, Annapaola
- A generic framework for quality-based autonomic adaptation within sensor-based systems
Auger, Antoine; Exposito, Ernesto; Lochin, Emmanuel
- Service Virtualization for Self-Adaptation in Mobile Cyber-Physical Systems
Taherkordi, Amir; Peter, Herrmann; Blech, Jan Olaf; Fernandez, Alvaro

Session 2 – Adaptive Cloud Applications – October 10, 11:00 – 12:30

- A brokerage architecture: cloud service selection
Malouche, Hela; Ben Halima, Youssef; Hajjami Ben Ghezala, Henda
- Using Formal model for Evaluation of Business Processes Elasticity in the Cloud
Yataghene, Lydia
- EQL: Event Query Language for the Sharing of Internet-of-Things Infrastructure and Collaborative Applications Development
Akpinar, Kutalmis; Hua, Kien A.

Session 3 – Engineering Service-Oriented Applications and Big Data Services – October 10, 13:30 – 15:00

- Enhancing UML Class Diagram Abstraction with Page Rank Algorithm and Relationship Abstraction Rules
Huang, Liang; Duan, Yucong; Zhou, Zhangbing; Hung, Patrick C. K.; Sun, Xiaobing
- Energy-Aware Composition for Service-Oriented Wireless Sensor Networks.
Zhao, Deng; Zhou, Zhangbing; Duan, Yucong; Hung, Patrick C. K.
- Applying ITSM for creating a Business Operations Department's Service Catalog
Diogo, Pedroso

Session 4 – IoT Systems Provisioning & Management in Cloud Computing – October 10, 15:30 – 17:00

- Trust-based IoT Participatory Sensing for Hazard Detection and Response
Guo, Jia; Chen, Ing-Ray; Tsai, Jeffrey; Al-Hamadi, Hamid
- Data Provenance Model for Internet of Things (IoT) Systems
Olufowobi, Habeeb; Engel, Robert; Baracaldo, Nathalie; Luis Angel, Bathen; Tata, Samir; Ludwig, Heiko
- Securing Data Provenance in Internet of Things (IoT) Systems
Baracaldo, Nathalie; Bathen, Luis Angel; Ozugha, Roqeeb O.; Engel, Robert; Tata, Samir; Ludwig, Heiko