

IEEE World Congress on SERVICES – Concise Papers

2019 Technical Program

Thursday July 11

8:30 - 9:45

Session 1

Location: Monforte/Sala Sforza, NH Collection Milano President

Session Chair: Zhiying Tu

e-SBOT: A Soft Service Robot for User-Centric Smart Service Delivery
Xiaofei Xu, Zhongjie Wang, Zhiying Tu, Dianhui Chu and Yunming Ye

Policy-based De-identification Test Framework
Armin Gerl and Stefan Becher

A Question-Driven Source Code Recommendation Service Based on Stack Overflow
Hang Yin, Zhiyu Sun, Yanchun Sun and Wenpin Jiao

An Automatic Semantic Code Repair Service Based on Deep Learning for Programs with Single Error
Zhiyu Sun, Chao Xin and Yanchun Sun

A Systematic Cloud Workload Clustering Technique in Large Scale Data Centres
Salam Isamaeel and Ali Miri

14:00 – 15:15

Session 2

Location: Monforte/Sala Sforza, NH Collection Milano President

Session Chair: Bradley D. Taylor

Measurement and Observation of Cross-Provider Cross-Region Latency for Cloud-based IoT Systems
Thy Vu, Chayanne Jaye Mediran and Yang Peng

ERAMIS: A Reference Architecture-based Methodology for IoT Systems
Paul Kearney and Rasool Asal

A Multigraph for RESTful Services Discovery in IoT Ecosystem
Ivan Madjarov and Fatma Slaimi

Landcover Based 3-Dimensional Inverse Distance Weighting for Visualization of Radiation Dose

Ryo Kikawa, Katsunori Oyama and Hua Ming

A Reinforcement Learning Approach to Web API Recommendation for Mashup Development

Richard Anarfi and Kenneth Fletcher

Friday July 12

8:30 – 9:45

Session 3

Location: Sala Crociera Alta di Umanistici (1), Universita' degli Studi di Milano

Session Chair: Hui Ma

A User Profile based Pension Service Recommendation Algorithm

Chunshan Li, Chu Dianhui, Xiaofei Xu and Yunfei Bu

Output and Input Data Perturbations for Differentially Private Databases

Fatema Rashid and Ali Miri

A Smart and Safe Construction Application Design for Fog Computing

Petar Kochovski, Marko Bajec, Rizos Sakellariou and Vlado Stankovski

Towards a Methodology for Evaluating Big Data Platforms

Evangelia Kavakli, Rizos Sakellariou and Vlado Stankovski

RESTfulness of APIs in the Wild

Irina Astrova, Arne Koschel, Maximilian Blankschyn, Kevin Schulze, Dominik Schöner and Igor Astrov

14:00 – 15:15

Session 4

Location: Sala Crociera Alta di Umanistici (1), Universita' degli Studi di Milano

Session Chair: Sandeep Kumar

Where are we looking? Understanding Android Static Analysis Techniques

Suzanna Schmeelk

Analyzing Effect of Ensemble Models on Multi-Layer Perceptron Network for Software Effort Estimation

Suyash Shukla and Sandeep Kumar

Query Data Inconsistency for Business Processes
Yongping Tang and Jian Yang

Dynamic Service Composition Orchestrated by Cognitive Agents in Mobile & Pervasive
Computing
Oscar Javier Romero López

Saturday July 13

8:30 – 9:45

Session 5

Location: Sala Crociera Alta di Umanistici (1), Universita' degli Studi di Milano

Session Chair: Supratik Mukhopadhyay

YCSB-D: Benchmarking Adaptive Frameworks
Subhajit Sidhanta, Supratik Mukhopadhyay and Wojciech Golab

Towards Specification of a Software Architecture for Cross-Sectoral Big Data Applications
Ioannis Arapakis, Yolanda Becerra, Omer Boehm, George Bravos, Vassilis Chatzigiannakis,
Cesare Cugnasco, Giorgos Demetriou, Iliada Eleftheriou, Julien Etienne Mascolo, Lidija
Fodor, Sotiris Ioannidis, Dusan Jakovetic, Leonidas Kallipolitis, Evangelia Kavakli, Despina
Kopanaki, Nicolas Kourtellis, Mario Maawad Marcos, Ramon Martin de Pozuelo, Nemanja
Milosevic, Giuditta Morandi, Enric Pages Montanera, Gerald Ristow, Rizos Sakellariou, Raul
Sirvent, Srdjan Skrbic, Ilias Spais, Giorgos Vasiliadis and Michael Vinov

Delivering Data Mining Services in Cloud Computing
Manuel Parra-Royon and José M. Benítez