

SC Programme

09:00 – 10:30 SESSION 1 OF SC ON SATURDAY, MARCH 24

Welcome

Invited Talk

Composition by Anonymous Third Parties

Farhad Arbab (CWI and Leiden University, NL)

10:30 – 11:00 COFFEE

11:00 – 12:30 SESSION 2 OF SC ON SATURDAY, MARCH 24

Composition Contracts

Defining Component Protocols with Service Composition: Illustration with the Kmelia Model

Pascal André, Gilles Ardourel, and Christian Attiogbé (University Of Nantes, F)

Composite Contract Enforcement in Hierarchical Component Systems

Philippe Collet (University of Nice, F), Jacques Malenfant (University Paris 6, F), Alain Ozanne, and Nicolas Rivierre (France Telecom R&D, F)

Towards a Unifying Theory for Choreography Conformance and Contract Compliance

Mario Bravetti and Gianluigi Zavattaro (University of Bologna, I)

12:30 – 14:00 LUNCH

14:00 – 16:00 SESSION 3 OF SC ON SATURDAY, MARCH 24

Composition Design & Analysis

A Process-Algebraic Approach to Workflow Specification and Refinement

Peter Wong and Jeremy Gibbons (University of Oxford, UK)

Generic Feature-Based Software Composition

Tijs Van der Storm (CWI, NL)

Composition Management Interfaces for a predictable assembly

Xabier Aretxandieta, Goiuria Sagardui (University of Mondragon, E), and Franck Barbier (Pau University, F)}

Error propagation analysis in composition of software services

Vittorio Cortellessa (Universita' dell'Aquila, I) and Pasqualina Potena (Universita' "G. D'Annunzio", I)

16:00 – 16:30 COFFEE

16:30 – 18:00 SESSION 4 OF SC ON SATURDAY, MARCH 24

Dynamic Composition

Dynamically Adaptable Applications with iPOJO Service Components

Clement Escoffier and Richard Hall (Grenoble University, F)

Dynamic Contextual Service Ranking

Andre Bottaro (France Telecom, F) and Richard Hall (Grenoble University, F)

A Rapid Adaptive Algorithm for Finding Replacement Service Locally during Dynamic Service Composition

Xingzhi Feng, Quanyuan Wu, Yan Jia, Bin Zhou, and Yi Ren (National University of Defense Technology, China)

09:00 – 10:30 SESSION 1 OF SC ON SUNDAY, MARCH 25

Short Papers

Measuring Reactability of Persistent Computing Systems

Takumi Endo, Yuichi Goto, and Jingde Cheng (Saitama University, Japan)

Requirements for applying aspect-oriented techniques in webservice composition languages

Mathieu Braem and Niels Joncheere (Vrije Universiteit Brussel, B)

Synthesizing Communication Middleware from Explicit Connectors in Component Based Distributed Architectures

Dietmar Schreiner and Karl Göschka (Vienna University of Technology, A)

Streamlining Feature-Oriented Designs

Martin Kuhlemann, Sven Apel, and Thomas Leich (University of Magdeburg, D)

Requirements for Reusable Aspect Deployment

Bruno De Fraine and Mathieu Braem (Vrije Universiteit Brussel, B)

10:30 – 11:00 COFFEE

11:00 – 12:30 SESSION 2 OF SC ON SUNDAY, MARCH 25

Aspect-Oriented Programming

Aspect-Oriented Programming: Selecting and Exposing Object Paths

Mohammed Al-Mansari, Stefan Hanenberg, and Rainer Unland (University of Duisburg-Essen, D)

Debugging Aspect-Enabled Programs

Marc Eaddy, Alfred Aho (Columbia University, USA), Weiping Hu, Paddy McDonald, and Julian Burger (Microsoft Corporation, USA)

Unification of Static and Dynamic AOP for Evolution in Embedded Software Systems

Wasif Gilani and Fabian Scheler (Erlangen University, D)

12:30 – 14:00 LUNCH

14:00 – 16:00 SESSION 3 OF SC ON SUNDAY, MARCH 25

Structural Composition

Patterns of Component Evolution

Rajesh Vasa (Swinburne University of Technology, AUS), Markus Lumpe (Iowa State University, USA), and Jean-Guy Schneider (Swinburne University of Technology, AUS)

An Approach for Structural Pattern Composition

Imed Hammouda and Kai Koskimies (Tampere University of Technology, FI)

Composite Connectors for Composing Software Components

Kung-Kiu Lau, Ling Ling, Vladyslav Ukis, and Perla Velasco (The University of Manchester, UK)

16:00 – 16:30 COFFEE

16:30 – 17:00 SESSION 4 OF SC ON SUNDAY, MARCH 25

Concluding Discussion and Remarks

JOINT WORKSHOP PRE-CONFERENCE DINNER