

WS-FM 2010

7th International Workshop on Web Services and Formal Methods *Formal aspects of service oriented and cloud computing*

September 16–17, 2010

Stevens Institute of Technology, Hoboken, New Jersey, USA

Co-located with the 8th International Conference on
Business Process Management (BPM 2010)

Registration: Babbio Center Atrium

WORKSHOP PROGRAM: Thursday, September 16, 2010

Wesley J. Howe Center, Room: Skyline, 4th Floor

12:15–1:30	Lunch (Bissinger room, 4th floor)
1:30–1:45	Workshop Welcome
1:45–3:00	Invited Talk – Session Chair: Tefvik Bultan Policy Analysis with Margrave Shriram Krishnamurthi, <i>Brown University</i>
3:00–3:30	Coffee Break (Bissinger room, 4th floor)
3:30–5:30	Session 1 – Session Chair: Mathias Weske On Lifecycle Constraints of Artifact-Centric Workflows Esra Kucukoguz (<i>University of California, Santa Barbara</i>), Jianwen Su (<i>University of California, Santa Barbara</i>) Failure Analysis for Composition of Web Services Represented as Labeled Transition Systems Dinanath Nadkarni (<i>Iowa State University</i>), Robyn Lutz (<i>Iowa State University</i>), Samik Basu (<i>Iowa State University</i>), Vasant Honavar (<i>Iowa State University</i>) Passive Testing of Timed Distributed Systems César Andrés (<i>Universidad Complutense de Madrid</i>), M. Emilia Cambronero (<i>Universidad de Castilla-La Mancha</i>), Manuel Núñez (<i>Universidad Complutense de Madrid</i>) Formal Semantics and Implementation of BPMN 2.0 Inclusive Gateways David Raymond Christiansen (<i>IT University of Copenhagen</i>), Marco Carbone (<i>IT University of Copenhagen</i>), Thomas Hildebrandt (<i>IT University of Copenhagen</i>)
7:00	Dinner at Elysian Cafe 1001 Washington St. (10th St.), Hoboken, NJ 201-798-5898

WORKSHOP PROGRAM: Friday, September 17, 2010

Babbio Center, Room: Babbio 110

9:00–10:15	<p>Invited Talk – Session Chair: Jianwen Su</p> <p>Formal Study of Business Entities with Lifecycles: Use Cases, Abstract Models, and Results</p> <p>Richard Hull (<i>IBM T. J. Watson Research Center</i>)</p>
10:15–10:45	<p>Coffee Break (Atrium)</p>
10:45–12:15	<p>Session 2 – Session Chair: Thomas Hildebrandt</p> <p>Simplified Computation and Generalization of the Refined Process Structure Tree</p> <p>Artem Polyvyanyy (<i>Hasso Plattner Institute</i>), Jussi Vanhatalo (<i>UBS AG</i>), Hagen Völzer (<i>IBM Research–Zurich</i>)</p> <p>Generalised Computation of Behavioural Profiles based on Petri-Net Unfoldings</p> <p>Matthias Weidlich (<i>University of Potsdam</i>), Felix Elliger (<i>University of Potsdam</i>), Mathias Weske (<i>University of Potsdam</i>)</p> <p>On Nondeterministic Workflow Executions</p> <p>Alexandra Potapova (<i>University of California, Santa Barbara</i>), Jianwen Su (<i>University of California, Santa Barbara</i>)</p>
12:15–1:30	<p>Lunch (Atrium)</p>
1:30–3:30	<p>Session 3 – Session Chair: Marco Carbone</p> <p>Constructing Substitutable Services Using Operating Guidelines and Maximal Controllers</p> <p>Arjan Mooij (<i>Technische Universiteit Eindhoven</i>), Jarungjit Parnjai (<i>Humboldt-Universität zu Berlin</i>), Christian Stahl (<i>Technische Universiteit Eindhoven</i>), Marc Voorhoeve (<i>Technische Universiteit Eindhoven</i>)</p> <p>Automated Generation of Web Service Stubs Using Satisfiability Solving</p> <p>Sylvain Hallé (<i>Université du Québec à Chicoutimi</i>)</p> <p>Conformance Verification of Privacy Policies</p> <p>Xiang Fu (<i>Hofstra University</i>)</p> <p>Soundness-Preserving Refinements of Service Compositions</p> <p>Kees van Hee (<i>Technische Universiteit Eindhoven</i>), Arjan Mooij (<i>Technische Universiteit Eindhoven</i>), Natalia Sidorova (<i>Technische Universiteit Eindhoven</i>), Jan Martijn van der Werf (<i>Technische Universiteit Eindhoven</i>)</p>
	<p>Workshop Closing</p>