

FORTE'06

CNAM, Paris

Conference Program

Tuesday, September 26th, 2006

09 :00	Tutorial 1 : Petri nets and Software Engineering <i>Rüdiger Valk, University of Hamburg, Germany</i>
12 :30	
14 :00	Tutorial 2 : The Event B Method <i>Dominique Méry, University Henri Poincaré Nancy 1 & LORIA, France</i>

Wednesday, September 27th, 2006

09 :00	Welcome to FORTE'06
09 :15	Invited Talk : Semantic-Based Development of Service-Oriented Systems <i>Martin Wirsing</i> Session Chair : <i>Elie Najm</i>
	Session 1 : Services – Session Chair : <i>Gregor Bochmann</i>
10 :15	JSCL : a Middleware for Service Coordination <i>Gianluigi Ferrari, Roberto Guanciale, Daniele Strollo</i>
10 :45	Break
11 :15	Analysis of Realizability Conditions for Web Service Choreographies <i>Raman Kazhamiakin, Marco Pistore</i>
11 :45	Web Cube <i>Wishnu Prasetya, Tanja Vos, Doaitse Swierstra</i>
12 :15	Presence Interaction Management in SIP SOHO Architecture <i>Zohair Chentouf, Ahmed Khoumsi</i>
12 :30	Lunch
	Session 2 : Middleware – Session Chair : <i>Harmut Koenig</i>
14 :00	Formal Analysis of Dynamic, Distributed File-System Access Controls <i>Avik Chaudhuri, Martin Abadi</i>
14 :30	Analysing the Mute Anonymous File-Sharing System Using the Pi-calculus <i>Tom Chothia</i>
15 :00	Towards Fine-grained Automated Verification of Publish-Subscribe Architectures <i>Luciano Baresi, Carlo Ghezzi, Luca Mottola</i>
15 :15	A LOTOS Framework for Middleware Specification <i>Nelson Souto Rosa, Paulo Roberto Preire Cunha</i>
15 :30	Break
	Session 3 : Composition and Synthesis – Session Chair : <i>Hubert Garavel</i>
16 :00	Automatic Synthesis of Assumptions for Compositional Model Checking <i>Bernd Finkbeiner, Sven Schewe, Matthias Brill</i>
16 :30	Refined Interfaces for Compositional Verification <i>Prédéric Lang</i>
17 :00	On Distributed Program Specification and Synthesis in Architectures with Cycles <i>Julien Bernet, David Janin</i>
17 :30	Generalizing the Submodule Construction Techniques for Extended State Machine Models <i>Bassel Daou, Gregor v. Bochmann</i>
	Social Event Cocktail at the Musée des Arts et Métier

Thursday, September 28th, 2006

09 :00	Invited Talk : The +CAL Algorithm Language <i>Leslie Lamport</i> Session Chair : <i>Jean-François Pradat-Peyre</i>
	Session 4 : Symbolic Verification & Slicing – Session Chair : <i>Ana Cavalli</i>
10 :00	Decidable Extensions of Hennessy-Milner Logic <i>Radu Mardare, Corrado Priami</i>
10 :30	Break
11 :00	Symbolic Verification of Communicating Systems with Probabilistic Message Losses : Liveness and Fairness <i>Christel Baier, Nathalie Bertrand, Philippe Schnoebelen</i>
11 :30	A New Approach for Concurrent Program Slicing <i>Pierre Rousseau</i>
12 :00	Reducing Software Architecture Models Complexity : a Slicing and Abstraction Approach <i>Daniela Colangelo, Daniele Compare, Paola Inverardi, Patrizio Pelliccione</i>
12 :30	Lunch
	Session 5 : Unified Modelling Languages – Session Chair : <i>Dieter Hogrefe</i>
14 :00	Formalizing Collaboration Goal Sequences for Service Choreography <i>Humberto Nicolas Gastejon, Rolv Braek</i>
14 :30	Composition of Use Cases using Synchronization and Model Checking <i>Rabeb Mizouni, Aziz Salah, Siamak Kolahi, Rachida Dssouli</i>
15 :00	Break
	Session 6 : Petri Nets – Session Chair : <i>Alexandre Petrenko</i>
15 :30	PN standardisation : a survey <i>Lom Hillah, Fabrice Kordon, Laure Petrucci, Nicolas Trèves</i>
16 :00	Resource Allocation Systems : Some complexity results on the S4PR class <i>Juan-Pablo Lopez-Grao, José-Manuel Colom</i>
16 :30	Optimized Colored Nets Unfolding <i>Fabrice Kordon, Alban Linard, Emmanuel Paviot-Adet</i>
	Social Event Visit and Banquet at the Musée d'Orsay

Friday, September 29th, 2006

09 :00	Invited Talk : Modelling of Complex Software Systems : a Reasoned Overview <i>Daniel Krob</i> Session Chair : <i>Véronique Viguié Donzeau-Gouge</i>
	Session 7 : Parameterized Verification – Session Chair : <i>Manuel Nunez</i>
10 :00	Liveness by Invisible Invariants <i>Yi Fang, Kenneth McMillan, Amir Pnueli, Lenore D. Zuck</i>
10 :30	Break
	Session 8 : Real Time – Session Chair : <i>Tommaso Bolognesi</i>
11 :00	Extending EFMSs to Specify and Test Timed Systems with Action Durations and Timeouts <i>Mercedes G. Merayo, Manuel Nunez, Ismael Rodriguez</i>
11 :30	Scenario-Based Timing Consistency Checking for Time Petri Nets <i>Li Xuandong, Bu Lei, Hu Jun, Zhao Jianhua, Zheng Tao, Zheng Guoliang</i>
12 :00	Effective Representation of RT-LOTOS Terms by Finite Time Petri Nets <i>Tarek Sadani, Marc Boyer, Pierre de Saqui-Sannes, Jean-Pierre Courtiat</i>
12 :30	Lunch
	Session 9 : Testing – Session Chair : <i>Alexandre Petrenko</i>
14 :00	Grey Box Checking <i>Edith Elkind, Blaise Genest, Doron Peled, Hongyang Qu</i>
14 :30	Integration Testing of Distributed Components based on Learning Parameterized I/O Models <i>Keqin Li, Roland Groz, Muzammil Shahbaz</i>
15 :00	Minimizing Coordination Channels in Distributed Testing <i>Guy-Vincent Jourdan, Hasan Ural, Hüsnü Yenigün</i>
15 :30	Derivation of a Suitable Finite Test Suite for Customized Probabilistic Systems <i>Luis F. Llana-Diaz, Manuel Nunez, Ismael Rodriguez</i>
16 :00	Closing & Awards