

Program

SEPTEMBER 22, 2009 – Tuesday

17:00 - 20:00	Registration at Hotel Christie
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SEPTEMBER 23, 2009 – Wednesday

8:30 - 9:00	Registration at Hotel Christie
9:00 - 9:10	SOMET 2009 Opening <i>Hamido Fujita, SOMET General Chair & SOMET 2009 Program Chair, Iwate Prefectural University, Japan</i> <i>Vladimír Mařík, SOMET 2009 Program Chair, Czech Technical University in Prague, Czech Republic</i>
9:10 - 10:10	Invited Talk <i>Chair: Jun Sasaki</i>
	Method Engineering: State-of-the-Art Survey and Research Proposal <i>Colette Rolland, University Paris 1, Sorbonne, France</i>
10:10 - 10:40	Coffee Break
10:40 - 12:00	Session 1: Requirement Engineering and Methods Engineering <i>Chair: Sergel Gorlatch</i>
10:40 - 11:10	The Technical Foundation of the GeneSEZ MDS Approach <i>Tobias Haubold, Georg Beler, Wolfgang Golubski, Nico Herbig, Gerrit Beine & Oliver Arnold, Zwickau University of Applied Sciences, Germany</i>
11:10 - 11:30	An Approach for Refactoring Using ESC/Java2 <i>Hiroshi Ishikawa, Niigata University, Japan</i>
11:30 - 12:00	Requirements Engineering of an Access Protection <i>Sharon Friedrich & Barbara Paech, University of Heidelberg, Germany</i>
12:00 - 13:30	Lunch Break
13:30 - 14:30	Invited Talk <i>Chair: Vladimír Mařík</i>
	A Platform for Service-Oriented Integration of Software Engineering Environments <i>Stefan Biffl & Alexander Schatten, Vienna University of Technology, Austria</i>
14:30 - 15:10	Session 2: Software Engineering Service Integration <i>Chair: Jun Hakura</i>
14:30 - 14:50	M3VE: Multi-User, Multi-Method, and Multi-Platform Verification Environment <i>Shoichi Morimoto, Senshu University, Kawasaki-shi, Kanagawa, Japan</i>
14:50 - 15:10	Top Management Conducts an Enterprise System Development <i>Zenya Koono & Hul Chen, Kokushikan University, Fujisawa, Japan</i>
15:10 - 15:40	Coffee Break

15:40 - 18:00	Session 3: Software Engineering Development Models <i>Chair: Rikio Maruta</i>
15:40 - 16:20	No-Frills Software Engineering for Business Information Systems: Experience Report <i>Volker Gruhn, University of Leipzig, Germany & Clemens Schäfer, IT Factum GmbH, Garching, Germany</i>
16:20 - 16:50	The Role of Benchmarking Data in the Software Development and Enhancement Projects Effort Planning <i>Beata Czarnacka-Chrobot, Warsaw School of Economics, Poland</i>
16:50 - 17:20	Reducing the Gap between Verification Models and Software Development Models <i>Elke Pulvermueller, University of Osnabrück, Institute of Computer Science, Germany</i>
17:20 - 17:40	Software Development Methodology for Fast Changing Environment <i>Zuzana Šochová, CertiCon a.s., Prague, Czech Republic</i>
17:40 - 18:00	On More Efficient Searching Methods for a Corporate Knowledge Database <i>Noriko Taniguchi, Shogo Hayashida, Kohei Sugawara & Rikio Maruta, Sangikyo Corporation, Yokohama, Japan</i>
19:00	Meeting Point for the Welcome Buffet Dinner: Registration Desk
19:30	Welcome Buffet Dinner at Municipal House (Obecní dům) Náměstí Republiky 5 Prague 1 (15 minutes walk) 

SEPTEMBER 24, 2009 – Thursday

9:00 - 11:50	Session 4: Software Quality and Development Measurement <i>Chair: Beata Czarnacka-Chrobot</i>
9:00 - 9:30	Verification Support for Generative System Development <i>Andreas Speck, Christian-Albrechts-University of Kiel, Institute of Computer Science, Germany & Elke Pulvermuller, University of Osnabrück, Germany</i>
9:30 - 10:00	CQA-ENV: An Integrated Environment for the Continuous Quality Assessment of Software Artifacts <i>Damlano Torrea, University of Bari, Italy, Belen Blasco Alvarez, Marcela Generob & Mario Plattinb, University of Castilla-La Mancha, Ciudad Real, Spain</i>
10:00 - 10:30	Coffee Break
10:30 - 11:00	Dynamic AspectC++: Generic Advice at Any Time <i>Reinhard Tartler, Daniel Lohmann, Wolfgang Schroder-Preikschat, Friedrich-Alexander University Erlangen-Nuremberg, Germany & Olaf Spinczyk, Technical University Dortmund, Germany</i>
11:00 - 11:30	On the Measurement of Negotiation Dialogue Games <i>Omar Marey, Jamal Bentahar & Abdeslam En-Nouaary, Concordia University, Montreal, Canada</i>

11:30 - 11:50	Evaluating Data Handling Performance of ISSEI Data Management Method <i>Shogo Hayashida, N. Taniguchi, Kohel Sugawara, Rikio Maruta & W. Shoji, Sangikyo Corporation, Yokohama, Japan</i>
11:50 - 13:30	Lunch Break
13:30 - 14:40	Session 5: Software Securities Methods and Implementation <i>Chair: Mohamed Mejri</i>
13:30 - 14:00	An Aspect-Oriented Approach for Software Security Hardening: from Design to Implementation <i>Djedjiga Mouheb, Chamseddine Talhi, Azzam Mourad, Vitor Lima, Mourad Debbabi, Lingyu Wang, Concordia University, Montreal, Canada, & Makan Pourzandi, Software Research, Ericsson Canada Inc., Montreal, Canada</i>
14:00 - 14:20	The ISO/IEC Standards for the Software Processes and Products Measurement <i>Beata Czarnacka-Chrobot, Warsaw School of Economy, Poland</i>
14:20 - 14:40	Applying Visualization to Validating Software System Requirements <i>Paul Parry & Jawed Siddiqi, Sheffield Hallam University, UK</i>
14:40 - 15:10	Coffee Break
15:10 - 18:00	Session 6: Program Correctness and Formal Models <i>Chair: Volker Gruhn</i>
15:10 - 15:40	A Formal Verification Approach of Conversations in Composite Web Services using NuSMV <i>Melissa Kova & Jamal Bentahar, Concordia University, Montreal, Canada, Zakaria Maamar & Hamdi Yahyaoui, Zayed University, Dubai, U.A.E.</i>
15:40 - 16:10	Behavioral Model Composition: A Non Functional Requirements Driven Approach <i>Rabeb Mizouni, U.A.E. University, Al-Ain, U.A.E. & Aziz Salah, Université du Québec à Montréal, Canada</i>
16:10 - 16:40	A Role of Ontology in Information Systems for Support of Scientific and Production Activity <i>Yury Zagorulko, A.P. Ershov Institute of Informatics Systems, Novosibirsk, Russia & Galina Zagorulko, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia</i>
16:40 - 17:10	Development of Algorithms for Decision Analysis with Interval Information <i>Mats Danielson & Love Ekenberg, Stockholm University and the Royal Institute of Technology, Sweden</i>
17:10 - 17:30	Formal Specification and Analysis of Firewalls <i>M. Mejri, Laval University, Québec, Canada, K. Adi, Université du Québec en Outaouais, Gatineau, Canada & Hamido Fujita, Iwate Prefectural University, Japan</i>
17:30 - 18:00	About Strategies to Engineer Situational Methods <i>Rolland Colette, University Paris 1, Sorbonne, France & Hamido Fujita, Iwate Prefectural University, Japan</i>

SEPTEMBER 25, 2009 – Friday

9:00 - 10:00	Invited Talk <i>Chair: Elke Pulvermueller</i>
	Situated Computation <i>John Gero, Krasnow Institute for Advanced Study, Fairfax, USA</i>
10:00 - 10:30	Coffee Break
10:30 - 11:50	Session 7: Ontological Views on Software Developments <i>Chair: Domenico Pisanelli</i>
10:30 - 11:00	Developing Consistent and Modular Software Models with Ontologies <i>Robert Hoehndorf, Axel-Cyrille Ngonga Ngomo & Heinrich Herre, University of Leipzig, Germany</i>
11:00 - 11:20	Ontological Analysis of Functional Decomposition <i>Patryk Burek, Heinrich Herre & Frank Loebe, University of Leipzig, Germany</i>
11:20 - 11:50	Natural Language Understanding <i>Anna Maria Di Scullo, Université du Québec à Montréal, Canada</i>
11:50 - 13:30	Lunch Break
13:30 - 15:00	Session 8: Software Visualization <i>Chair: Love Ekenberg</i>
13:30 - 14:00	A Usability Profile for Graphical Formal Modelling Methods <i>Rozilawati Razall, University Kebangsaan Malaysia, Selangor, Malaysia & Paul Garratt, School of Electronics and Computer Science, University of Southampton, UK</i>
14:00 - 14:20	APM3: A Methodology Metamodel for Agile Project Management <i>Mahsa Hasani Sadi & Raman Ramsin, Sharif University of Technology, Tehran, Iran</i>
14:20 - 14:40	A New Windows Desktop Icon for Single Point-of-Control of the Application Window <i>Kohel Sugawara & Rikio Maruta, Sangikyo Corporation, Yokohama, Japan</i>
14:40 - 15:00	Towards a Verification-Based Development Approach for Reactive Systems <i>Tae Kameda, Soka Women's College, Tokyo, Japan, Osamu Arai, ARISES, Iwate Prefectural University, Japan, Sergei Gorlatch, Munster University, Germany & Hamido Fujita, Iwate Prefectural University, Japan</i>
15:00 - 15:30	Coffee Break
15:30 - 17:50	Session 9: Cognitive Aspects in Software <i>Chair: Heinrich Herre</i>
15:30 - 15:50	Formal Modeling of Clinical Processes: Experiments in Oncology and Future Perspectives <i>Domenico Pisanelli, CNR, Institute of Cognitive Science and Technologies, Rome, Italy, Claudio Eccher, FBK, Trento, Italy & Antonella Ferro, Ospedale S.Chiera, Trento, Italy</i>
15:50 - 16:10	Development of an Integrated Health Improvement Support System <i>Katsuya Takahashi, Keizo Yamada, Jun Sasaki & Yutaka Funyu, Iwate Prefectural University, Japan</i>

16:10 - 16:30	Improving Safety and Healthy Life of Elderly People: Italian and Japanese Experiences <i>Jun Sasaki, Keizo Yamada, Michiru Tanaka, Hamido Fujita, Iwate Prefectural University, Japan, Domenico Pisanelli, Riccardo Rasconi, Lorenza Tiberio, CNR, Institute of Cognitive Science and Technologies, Rome, Italy & Claudio De Lazzari, CNR, Institute of Clinical Physiology, Rome, Italy</i>
16:30 - 16:50	Virtual Medical Doctor Interaction Based on Transactional Analysis <i>Hamido Fujita, Jun Hakura & Masaki Kurematsu, Iwate Prefectural University, Japan</i>
16:50 - 17:10	Facial Expression Invariants for Estimating Mental States of Person <i>Jun Hakura, Masaki Kurematsu & Hamido Fujita, Iwate Prefectural University, Japan</i>
17:10 - 17:30	An Approach to Implement Listeners to Estimate Emotion in Speech <i>Masaki Kurematsu, Marina Ohashi, Orimi Kinoshita, Jun Hakura & Hamido Fujita, Iwate Prefectural University, Japan</i>
17:30 - 17:50	Three Philosophers and a Design for Expressive Gestural Interaction <i>Roman Danylak, University of Emotional Computing, Sydney, Australia</i>
17:50 - 18:00	SOMET 2009 Closing Announcement of the SOMET 2010 (September 29 – October 1, Japan)

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