



SEAMS 2009 Final Program Mon, May 18, 2009	
9:00	<p>Session 1: <b>Opening and Keynote</b>            Session Chair: <i>H.A. Müller, University of Victoria, Canada</i></p> <p><b>Keynote: The Impact of Scale</b>, <i>Linda Northrop, SEI, USA</i></p>
10:00	<p>Session 2: Paper Session — <b>Self-Adaptive Services</b>            Session Chairs: <i>M. Litoiu, York University Canada and D.B. Smith, SEI, USA</i></p> <p><b>A Model for Dynamic and Adaptable Services Management</b>  <i>P. Martin, W. Powley, I. Abdallah, J. Li, A. Brown, Queen's University; K. Wilson, CA Labs, USA</i>  <b>10 mins Discussion</b></p>
10:30	<b>Nutrition Break</b>
11:00	<p>Session 2: Paper Session — <b>Self-Adaptive Services</b> (continued)</p> <p><b>SLA Protection Models for Virtualized Data Centers</b>  <i>A. Gambi, M. Pezzè, University of Lugano, Switzerland and University of Bicocca, Italy, M. Young, University of Oregon, USA</i>  <i>The Design of a Self-Healing Composition Cycle for Web Services, M. Chan, J. Bishop, University of Pretoria, South Africa</i>  <b>Behavioural Self-Adaptation of Services in Ubiquitous Computing Environments</b>  <i>J. Cámara, C. Canal, G. Salaün, University of Málaga, Spain</i>  <b>30 mins Discussion</b></p>
12:30	<b>Lunch in Salons D &amp; E</b>
13:30	<p>Session 3: Paper Session — <b>Implementing Self-Adaptive Systems</b>            Session Chairs: <i>R. de Lemos, University of Coimbra, Portugal and David Garlan, CMU, USA</i></p> <p><b>Reflecting on Self-Adaptive Software Systems</b>, <i>J. Andersson, Växjö University, Sweden; R. de Lemos, University of Coimbra, Portugal; S. Malek, George Mason University, USA; and D. Weyns, Katholieke Universiteit Leuven, Belgium</i>  <b>Identifying Implicitly Declared Self-Tuning Behavior through Dynamic Analysis</b>, <i>H. Ghanbari and M. Litoiu, York University</i>  <b>StarMX: A Framework for Developing Self-Managing Java-based Systems</b>, <i>R. Asadollahi, M. Salehie, L. Tahvildari, Waterloo</i>  <b>30 mins Discussion</b></p>
15:00	<p>Session 4: Paper Session — <b>Self-Organizing Systems</b>            Session Chair: <i>A. Perini, FBK-IRST, Trento, Italy</i></p> <p><b>On Exploiting Decentralized Bio-inspired Self-Organization Algorithms to Develop Real Systems</b>  <i>E. Di Nitto, D.J. Dubois and R. Mirandola, Politecnico di Milano, Italy</i>  <b>10 mins Discussion</b></p>
15:30	<b>Nutrition Break</b>
16:00	<p>Session 5: Fishbowl Panel — <b>Self-Adaptive and Self-Managing Systems</b>  <b>Moderators:</b> <i>H.A. Müller, University of Victoria, Canada and J. Magee, Imperial College, UK</i>  <b>Panel Members:</b> <i>R. de Lemos, University of Coimbra, Portugal; D. Garlan, CMU, USA; M. Pezzè, University of Lugano, Switzerland; M. Shaw, CMU, USA; R. Taylor, University of California, Irvine, USA</i>  <b>60 mins Discussion</b></p>
17:15	<b>Shopping on Robson Street on the way to SEAMS Dinner or ICSE Soccer Game</b>
19:45	<p><b>SEAMS 2009 Dinner at Milestones Grill &amp; Bar, 1145 Robson Street</b>            1 km or 15 mins walk from Westin Conference Hotel (1601 Bayshore Drive) to Milestones (1145 Robson St)</p>





SEAMS 2009 Final Program Tue, May 19, 2009	
9:00	<p>Session 6: Paper Session — <b>Self-Adaptive and Self-Managing Architectures</b>            Session Chairs: <i>H. Giese, Hasso Plattner Institute, Germany and Paola Inverardi, University of L'Aquila, Italy</i></p> <p><b>Reinforcement Learning-Based Dynamic Adaptation Planning Method for Architecture-based Self-Managed Software</b>  <i>D. Kim, Sogang and S. Park, Sogang University, South Korea</i></p> <p><b>Using Dynamic Workflows for Coordinating Self-Adaptation of Software Systems</b>  <i>C.E. da Silva, University of Kent, UK and R. de Lemos, University of Coimbra, Portugal</i></p> <p><b>A Generic Software Framework for Role-based Organic Computing Systems</b>  <i>F. Nafz, F. Ortmeier, H. Seebach, J.-P. Steghöfer and W. Reif, Universität Augsburg, Germany</i></p> <p>30 mins Discussion</p>
10:30	Nutrition Break
11:00	<p>Session 7: Paper Session — <b>Self-Adaptive Models</b>            Session Chairs: <i>B.H.C. Cheng, Michigan State University, USA and Nelly Bencomo, Lancaster University, UK</i></p> <p><b>Towards an Assume-Guarantee Theory for Adaptable Systems</b>  <i>P. Inverardi, P. Pelliccione and M. Tivoli, Università studi dell' Aquila, Italy</i></p> <p><b>Formal Model for Self-Adaptive and Self-Healing Organizations</b>  <i>R. Haesevoets, D. Weyns, T. Holvoet and W. Joosen, Katholieke Universiteit Leuven, Belgium</i></p> <p><b>Engineering Adaptive Requirements</b>  <i>N. Qureshi and A. Perini, Fondazione Bruno Kessler - IRST, Italy</i></p> <p>30 mins Discussion</p>
12:30	Lunch in Salons D & E
14:00	<p>Session 8: Paper Session — <b>Self-Adaptive and Self-Managing Architectures</b>            Session Chairs: <i>J. Magee, Imperial College, UK</i></p> <p><b>Evaluating the Effectiveness of the Rainbow Self-Adaptive System</b>  <i>S.-W. Cheng, D. Garlan and B. Schmerl, Carnegie Mellon University, USA</i></p> <p><b>Architecture-Driven Self-Adaptation and Self-Management in Robotics Systems</b>  <i>G. Edwards, J. Garcia, H. Tajalli, D. Popescu, N. Medvidovic, G. Sukhatme, USC; B. Petrus, Bosch</i></p> <p><b>A Non-Intrusive Component-Based Approach to Deployment of Unanticipated Self-Management Behaviour</b>  <i>S.S. Andrade and R.J. de Araújo Macêdo, Federal University of Bahia, Brazil</i></p> <p>30 mins Discussion</p>
15:30	Nutrition Break
16:00	<p>Session 9: <b>Closing Session</b>  <b>Discussion, Outlook and SEAMS 2010</b>            Session Chairs: <i>J. Magee, Imperial College, UK and H.A. Müller, University of Victoria, Canada</i></p>
17:00	<p>Enjoy ICSE!            Have a Wonderful Summer!</p>

