

25-26 June 2007
Banff, Canada

General Chair
Andrian Marcus, Wayne State University, USA

Program Chairs
Jonathan I. Maletic, Kent State University, USA
Alexandru Telea, Eindhoven University of Technology, The Netherlands

Monday, June 25	
07:00-08:30	Breakfast
09:00-09:30	Opening Remarks
09:30-10:30	<p>Session 1: Processes, Frameworks, and Architectures (Chair Mike Godfrey)</p> <ul style="list-style-type: none"> -Requirements of Software Visualization Tools: A Literature Survey <i>Holger Kienle, Hausi Muller, University of Victoria, Canada</i> -Software Visualization - A Process Perspective <i>Juergen Rilling, Wen Jun Meng, Fuzhi Chen, Concordia University, Canada</i> <i>Philippe Charland, Defence R&D Canada</i> -Design Guidelines for Ambient Software Visualization in the Workplace <i>Chris Parnin, Carsten Görg, Georgia Institute of Technology USA</i> -Visualizing Object Oriented Software: Towards a Point of Reference for Developing Tools for Industry <i>Mariam Sensalire, Patrick Ogao, Makerere University, Uganda</i> <p>Discussion (20 minutes)</p>
10:30-11:00	Coffee Break
11:00-12:30	<p>Session 2: Dynamic Behavior and Features (Chair Michele Lanza)</p> <ul style="list-style-type: none"> -Visualizing Dynamic Memory Allocations <i>Sergio Moreta, Alexandru Telea, Technische Universiteit Eindhoven, The Netherlands</i> -Visualization of Dynamic Program Aspects <i>Pieter Deelen, Frank van Ham, Kees Huizing, Huub van de Wetering, Technische Universiteit Eindhoven, The Netherlands</i> -Trace Visualization Using Hierarchical Edge Bundles and Massive Sequence Views <i>Danny Holten, Bas Cornelissen, Delft University of Technology, Jarke J. van Wijk, Technische Universiteit Eindhoven, The Netherlands</i> <p>Discussion (15 minutes)</p> <ul style="list-style-type: none"> -Distributable Features View: Visualizing the Structural Characteristics of Distributed Software Systems <i>Dan C. Cosma, Radu Marinescu, "Politehnica" University of Timișoara, Romania</i> -Facilitating Exploration of Unfamiliar Source Code by Providing 2½D Visualizations of Dynamic Call Graphs <i>Johannes Bohnet, Jürgen Döllner, University of Potsdam, Germany</i> -Feature Dependency Browser -- a Case-Study for Rapid Prototyping of Visualizations using Mondrian <i>Adrian Lienhard, Adrian Kuhn, Orla Greevy, University of Bern, Switzerland</i> <p>Discussion (15 minutes)</p>
12:30-14:00	Lunch
14:00-15:30	<p>Session 3: Metaphors and Comprehension (Chair Hausi Muller)</p> <ul style="list-style-type: none"> -CocoViz: Towards Cognitive Software Visualizations <i>Sandro Boccuzzo, Harald Gall, University of Zurich, Switzerland</i> -Onion Graphs for Focus+Context Views of UML Class Diagrams <i>Huzefa Kagdi, Jonathan I. Maletic, Kent State University, USA</i> -Visualization Patterns: A Context-Sensitive Tool to Evaluate Visualization Techniques <i>Harkirat Padda, Ahmed Seffah, Sudhir Mudur, Concordia University, Canada</i> <p>Discussion (15 minutes)</p> <ul style="list-style-type: none"> -Visualizing Software Systems as Cities <i>Richard Wettel, Michele Lanza, University of Lugano, Switzerland</i> -Task-specific Source Code Dependency Investigation <i>Reid Holmes, Robert J. Walker, University of Calgary, Canada</i> -Software Visualization in the Context of Service-Oriented Architectures <i>Stefan Eicker, Thorsten Spies, Christian Kahl, University of Duisburg-Essen, Germany</i> <p>Discussion (15 minutes)</p>
15:30-16:00	Coffee Break

16:00-17:30	<p>Session 4: Evolutionary Aspects (Chair Leon Moonen)</p> <ul style="list-style-type: none"> -“A Bug’s Life” Visualizing a Bug Database <i>Marco D’Ambros, Michele Lanza, University of Lugano, Switzerland, Martin Pinzger, University of Zurich, Switzerland</i> -DiffArchViz: A Tool to Visualize Correspondence between Multiple Representations of a Software Architecture <i>Amit Sawant, North Carolina State University USA, Naveen Bali, Network Appliance, Inc. USA</i> -YARN: Animating Software Evolution <i>Abram Hindle, Zhen Ming Jiang, Walid Koneilat, Michael W. Godfrey, Richard C. Holt, University of Waterloo and University of Victoria, Canada</i> -A Visualization for Software Project Awareness and Evolution <i>Roger Ripley, Anita Sarma, André van der Hoek, University of California, Irvine, USA</i> -Evolutional Insights from UML and Source Code Versions using Information Visualization and Visual Analysis <i>Shawn A. Bohner, Denis Gračanin, Troy Henry, Virginia Polytechnic Institute & State University, USA, Kresimir Matković, VRVis Research Center, Austria</i> <p>Discussion (25 minutes) Closing Discussion (15 minutes)</p>
17:30-18:00	Open Steering Committee Meeting

Tuesday, June 26	
07:00-08:30	Breakfast
09:00-09:45	<p>Joint Tool Demos (Chair Marco D’Ambros)</p> <p>Tool Demo Presentations</p> <ul style="list-style-type: none"> -Feature-centric Visualization <i>David Röthlisberger, Orla Greevy, Adrian Lienhard, University of Berne, Switzerland</i> -Effective Exploration and Visualization of Large Execution Traces <i>Abdelwahab Hamou-Lhadj, Concordia University, Canada</i> -SoftArchViz: A Software Architecture Visualization Tool <i>Amit P. Sawant, North Carolina State University, USA, Naveen Bali, Network Appliance, Inc. USA</i> -Visualizing Debugging Activity in Source Code Repositories <i>Lucian Voinea, Alexandru Telea, Technische Universiteit Eindhoven, The Netherlands</i> <p>Including all ICPC Tool Demos</p>
09:45-10:30	<p>Informal Tool Demos</p> <p>All ICPC and VISSOFT Tool Demos</p>
10:30-11:00	Coffee Break
11:00-11:45	<p>Joint Tool Demos (Continued) (Chair Marco D’Ambros)</p> <p>Informal Tool Demos</p> <p>All ICPC and VISSOFT Tool Demos</p>
11:45-12:30	<p>Tool Challenge Reports</p> <ul style="list-style-type: none"> -Dependencies Analysis of Azureus with Rigi: Tool Demo Challenge <i>Holger M. Kienle, Hausi A. Muller, University of Victoria, Canada, Johannes Martin, ITC Consult GmbH, Germany</i> -CGA Call Graph Analyzer - Locating and Understanding Functionality within the Gnu Compiler Collection’s Million Lines of Code <i>Johannes Bohnet, Jürgen Döellner, University of Potsdam, Germany</i> -Analysis of Azureus using VERSO <i>Guillaume Langelier, Karim Dhambri, University of Montreal, Canada</i>
	Closing Remarks
VISSOFT ENDS	

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