

WODA 2008 Program

Monday, July 21, 2008

9:00 – 9:05 Workshop Introduction

WODA 2008 Chairs: B. Liblit (*University of Wisconsin–Madison*), A. Rountev (*Ohio State University*)

9:05 – 10:35 Session 1: Program Understanding

- **Dynamic Detection of Event Handlers**
S. Reiss (*Brown University*)
- **Feature-level Phase Detection for Execution Trace Using Object Cache**
Y. Watanabe, T. Ishio, K. Inoue (*Osaka University*)
- **A Dynamic Tool for Finding Redundant Computations in Native Code**
K. Lee, Z. Benaissa, J. Rodriguez (*Intel*)

10:35 – 11:00 Coffee break

11:00 – 12:30 Session 2: Testing

- **Random Testing and Model Checking: Building a Common Framework for Nondeterministic Exploration**
A. Groce, R. Joshi (*Jet Propulsion Laboratory*)
- **Testing Mobile Computing Applications: Toward a Scenario Language and Tools**
M. D. Nguyen, H. Waeselynck, N. Rivière (*LAAS-CNRS and University of Toulouse*)
- **BERT: BEhavioral Regression Testing**
A. Orso (*Georgia Institute of Technology*), T. Xie (*North Carolina State University*)

12:30 – 2:00 Lunch

2:00 – 3:30 Session 3: Inferring and Checking of Run-time Constraints

- **Efficient Runtime Invariant Checking: A Framework and Case Study**
M. Gorbovitski, T. Rothamel, Y. A. Liu, S. Stoller (*Stony Brook University*)
- **Mining Past-Time Temporal Rules from Execution Traces**
D. Lo, S.-C. Khoo (*National University of Singapore*), C. Liu (*Microsoft Research*)
- **Extending Dynamic Constraint Detection with Disjunctive Constraints**
N. Kuzmina, J. Paul, R. Gamboa, J. Caldwell (*University of Wyoming*)

3:30 – 4:00 Coffee break

4:00 – 5:00 Session 4: Fault Localization

- **An Observation-based Model for Fault Localization**
R. Abreu, P. Zoetewij, A. J. C. van Gemund (*Delft University of Technology*)
- **Replaying and Isolating Failing Multi-Object Interactions**
M. Burger, A. Zeller (*Universität des Saarlandes*)

5:00 – 5:30 Discussion and wrap-up