



# SCAM 2009



20th September

---

**09.00 - 09.15 Welcome**

**09.15 - 10.30 Keynote Speech:**

[Michael Ernst](#) - How analysis can hinder source code manipulation – and what to do about it

**10.30 - 11.00 Coffee break**

**11.00 - 12.00 Clones**

**Session Chair:** [Ira Baxter](#)

- An Assessment of Type-3 Clones as Detected by State-of-the-Art Tools  
Rebecca Tiarks, Rainer Koschke and Raimar Falke
- Evolution of Type-1 Clones  
Nils Göde

**12.00 - 13.30 Lunch**

**13.30 - 14.45 Dependence Analysis**

**Session Chair:** [Jurgen Vinju](#)

- Improving Side-Effect Analysis with Lazy Access Path Resolving  
Ju Qian and Baowen Xu
- Static Estimation of Test Coverage  
Tiago Alves and Joost Visser
- Towards Comparing and Combining Points-to Analyse  
Tobias Gutzmann, Antonina Khairova, Jonas Lundberg and Welf Löwe

**14.45 - 15.15 Coffee break**

**15.15 - 16.30 Code Tracing**

**Session Chair:** [Jens Krinke](#)

- Maintaining Fine-Grained Code Metadata Regardless of Moving, Copying and Merging  
Christian Prause
- Identifying “Linchpin Vertices” that Can Cause Large Dependence Clusters  
Dave Binkley and Mark Harman
- Lightweight Techniques for Tracking Unique Program Statements  
Jaime Spacco and Chadd Williams

**18.00 - 20.00 Banquet**

## 21st September

---

### 09.15 - 10.30 Slicing & Concurrency

Session Chair: [Sebastian Danicic](#)

- thr2csp: Transforming Threads into Communicating Sequential Processes  
Robert Lange and Spiros Mancoridis
- Chopping Concurrent Programs  
Dennis Giffhorn
- Properties of Slicing Definitions  
Martin Ward

### 10.30 - 11.00 Coffee break

### 11.00 - 12.00 Tool Demonstrations

Session Chair: [Juergen Rilling](#)

- Backporting Java 5 Code  
Tobias Gutzmann and Tamara Steijger
- A Value Analysis for C programs  
Benjamin Monate, G raud Canet and Pascal Cuoq
- The FermaT Maintenance Environment: Tool Demonstration  
Martin Ward

### 12.00 - 13.30 Lunch

### 13.30 - 14.45 Abstraction & Reverse Engineering

Session Chair: [Michael Godfrey](#)

- An Evaluation of Current Java Bytecode Decompilers  
James Hamilton and Sebastian Danicic
- Engineering Abstractions in Model Checking and Testing  
Michael Achenbach and Klaus Ostermann
- Concepts as syntactic sugar  
Valentin David and Magne Haver aen

### 14.45 - 15.15 Coffee break

### 15.15 - 16.30 Analysis Frameworks

Session Chair: [Leon Moonen](#)

- Recovering Grammar Relationships for the Java Language Specification  
Ralf L ammel and Vadim Zaytsev
- A Metric Extraction Framework based on a High-Level Description Language  
El Hachemi Alikacem and Houari Sahraoui
- Rascal: a Domain Specific Language for Source Code Analysis and Manipulation  
Jurgen Vinju, Paul Klint and Tijs van der Storm

### 16.30 - 17.00 Closing

### 17.00 - 17.30 Open Steering Committee Meeting