Monday March 15
9am – 10:30am
Opening and Attendees 5 minutes self-introduction

11am – 12pm
Attendees 5 minutes self-introduction

1:30pm – 5:00pm

**Topic 1: "Human Factors in Software Development Tools" (presentation and panel)**

Speakers:
- Andrew J. Ko (University of Washington, USA)
- Eileen Kraemer (University of Georgia, USA)

Panelists:
- Laura Dillon (Michigan State University, USA)
- Stephen Oney (Carnegie Mellon University, USA)
- John Penix (Google, USA)

**Topic 2: "Testing in Academia and in Industry" (presentation and panel)**

Speakers:
- Thomas Ball (Microsoft Research, USA)
- Willem Visser (University of Stellenbosch, South Africa)

Panelists:
- Mark Grechanik (Accenture Technology Labs, USA)
- Michal Young (University of Oregon, USA)

Tuesday March 16
9am – 10:00am
New Attendees 5 minutes self-intro

10:00am – 12:00am

**Topic 3: "Code-based test data generation" (presentations and panel)**

Speakers:
- Patrice Godefroid (Microsoft Research, USA)
- Mauro Pezzé (University of Milano Bicocca, Italy, University of Lugano, Switzerland)

Panelists:
- Darko Marinov (University of Illinois at Urbana-Champaign, USA)
- Nikolai Tillmann (Microsoft Research, USA)
- Paolo Tonella (FBK-IRST, Italy)
1:30pm – 5:00pm
**Topic 4: ”Model-based Testing” (presentation and panel)**
Speakers:
Bruno Legeard (Université de Franche-Comté/LIFC, Smartesting, France)
Jan Tretmans (Radboud University Nijmegen, Embedded Systems Institute, The Netherlands)

Panelists:
Wolfgang Grieskamp (Microsoft, USA)
Robert Hierons (Brunel University, UK)
Amit Paradkar (IBM Research, US)

**Topic 5: ”Regression Testing” (presentations and panel)**
Speakers:
Mary Jean Harrold (Georgia Institute of Technology, USA)
Brian P. Robinson (ABB Research, USA)

Panelists:
Adam Porter (University of Maryland, College Park, USA)
David Rosenblum (University College London, UK)
Per Runeson (Lund University, Sweden)
Shin Yoo (King's College, London, UK)

5:00 – 5:30pm
Working groups formation

8pm – 9:30pm
Tool Demos (10 minutes each):
- JPF (Willem Visser)
- CHESS (Thomas Ball)
- Spec Explorer (Wolfgang Grieskamp)
- Bruno Legeard (Test Designer)
- Milu (Yue Jia)
- Text 2 Test (Amit Paradkar)
- Pex (Nikolai Tillmann)

Wednesday, March 17

9am – 9:30am
New Attendees 5 minutes self-intro

Research-oriented presentations (15 minutes each):
Thomas Ball, “Preemption Sealing for Efficient Concurrency Testing”
Mark Grechanik, “Preserving Test Coverage While Achieving Anonymity For Database-Centric Applications”

9:30am – 10:30am
Working groups

11am – 12pm
Working groups Report and Discussion
Afternoon
Social event

**Thursday March 18**
9am – 10:00am
Opening

Research-oriented presentations (15 minutes each):
Jan Tretmans, “Eco testing for components”
Amit Paradkar, “Holistic Requirements based Analysis and Testing”
Michael Whalen, “Coverage Metrics and Requirements-Based Testing”

10am – 12pm
Working groups

1:30pm – 3:30pm
Working groups

4pm – 5:30pm
Working groups Report and Discussion

**Friday March 19**
9am – 10:30am
Opening & Working groups report and discussion

11am – 12pm
Working groups report and wrap up

Breakfast, Coffee break, Lunch and Dinner:

Breakfast: 7:30 – 8:45 a.m.
Coffee breaks: 10:30 and 3:30
Lunch and dinner: 12:15 and 6:00 pm

Organizers:
Mark Harman (King's College - London, GB)
Henry Muccini (Univ. degli Studi di L'Aquila, IT)
Wolfram Schulte (Microsoft Corp. - Redmond, US)
Tao Xie (North Carolina State University, US)

Dagstuhl Seminar Web: