

Programme for WGP 2009

ACM SIGPLAN Workshop on Generic Programming 2009

Patrik Jansson & Sibylle Schupp

Each presentation slot is 25 minutes + 5 min for the discussant¹ + 10 min for general discussion.

09.00-10.00: Session 1 Chair: Patrik Jansson (Chalmers University of Technology)

Welcome + PC chair report (Patrik Jansson)

1. Wendy Verbruggen, Edsko de Vries and Arthur Hughes
Polytypic Properties and Proofs in Coq
Discussant: *Roland Backhouse (University of Nottingham)*

10.00-10.30: Tea/coffee

10.30-12.00: Session 2 Chair: Marcin Zalewski (Indiana University)

2. Jyrki Katajainen and Bo Simonsen
**Adaptable Component Frameworks:
Using vector from the C++ Standard Library as an Example**
Discussant: *Scott Smith (Johns Hopkins University)*
3. Daniel Lincke and Sibylle Schupp
The Function Concept in C++ - An Empirical Study
Discussant: *Stephanie Weirich (University of Pennsylvania)*

12.00-13.30: Lunch

13.30-15.00: Session 3 Chair: Jeremy Gibbons (University of Oxford)

4. Meng Wang and Bruno Oliveira
What Does Aspect-Oriented Programming Mean for Functional Programmers?
Discussant: *Shin-Cheng Mu (Academia Sinica)*
5. Yu David Liu, Christian Skalka and Scott Smith
Type-Specialized Staged Programming with Process Separation
Discussant: *Anders Persson (Ericsson)*

15.00-15.30: Tea/coffee

15.30-17.40: Session 4 Chair: Ralf Hinze (University of Oxford)

6. Eelco Lempsink, Sean Leather and Andres Loeh
Type-Safe Diff for Families of Datatypes
Discussant: *Thorsten Altenkirch (University of Nottingham)*
7. Roland Backhouse, Richard Bird and Paul Hoogendijk
Meeting a Fanclub - A Lattice of Generic Shape Selectors
Discussant: *Arthur Hughes (Trinity College)*
8. Jeremy Gibbons and Ross Paterson
Parametric Datatype-Genericity
Discussant: *Janis Voigtländer (Technische Universität Dresden)*

¹Each technical talk will have a discussant. The discussant's role is to spark discussion, to give an "outsiders view" and to relate the paper to other generic programming research and development.