

Fourth VMIL @ SPLASH 2010



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Program Committee

Walter Binder (University of Lugano, Switzerland), Steve Blackburn (Australian National University, Australia), Erik Ernst (University of Aarhus, Denmark), Mick Jordan (Oracle, USA), Naveen Kumar (Intel Corporation, USA), Roel Wuyts (IMEC, Belgium)

Oct. 17, 2010 - VMIL @ SPLASH

Program

- ▶ Session I: **New Abstractions for VMs and IIs** (Christoph Bockisch)
 - ▶ 08:30 – 09:30: **A JVM does what???** – Cliff Click, Azul Systems (invited talk)
 - ▶ 09:30 – 10:00: **Sal/Svm: An Assembly Language and Virtual Machine for Computing with Non-Enumerated Sets** – Phillip Stanley-Marbell (20 min talk + 10 min discussion)
- ▶ Break: 10:00 – 10:30
- ▶ Session II: **VM Optimizations** (Naveen Kumar)
 - ▶ 10:30 - 11:30: **SPUR: A Trace-Based JIT Compiler for CIL** – Nikolai Tillmann, Microsoft Research (invited talk)
 - ▶ 11:30 – 12:00: **Optimizing the Evaluation of Patterns in Pointcuts** – Remko Bijker, Christoph Bockisch and Andreas Sewe (20 min talk + 10 min discussion)
- ▶ Lunch Break: 12:00 – 13:30

Program

- ▶ Session III: **VM Evaluation and Studies** (Robert Dyer)
 - ▶ 01:30 – 2:00: **A Systematic Mapping Study on High-level Language Virtual Machines** – Vinicius Durelli, Katia Scannavino and Marcio Delamaro (20 min talk + 10 min discussion)
 - ▶ 02:00 – 02:30: **Towards Performance Measurements for the Java Virtual Machine's invokedynamic** – Chanwit Kaewkasi (20 min talk + 10 min discussion)
- ▶ Session IV: **VMs and Concurrency** (Steve Blackburn)
 - ▶ 02:30 – 03:00: **The Architecture of DecentVM - Towards a Decentralized Virtual Machine for Many-Core Computing** – Annette Bieniusa, Johannes Eickhold and Thomas Fuhrmann (20 min talk + 10 min discussion)
 - ▶ Break: 03:00 – 03:30
 - ▶ 03:30 - 04:30: **How's the Parallel Computing Revolution Going? Towards Parallel Scalable Virtual Machine Services** – Kathryn McKinley, The University of Texas at Austin (invited talk)
- ▶ 04:30 – 05:00: **Discussion**

Workshop Proceedings

- ▶ ACM Digital Library publication
 - ▶ Will be arranged
 - ▶ After conference
 - ▶ Instructions will follow
- ▶ Can update your papers until then
 - ▶ Include results from workshop discussions



Video Taping VMIL

- ▶ Videos of VMIL talks will be put on YouTube
- ▶ Link videos from workshop homepage
- ▶ **Please tell me if you don't like to be taped!**



Thanks to the Program Committee,
Authors, Attendees

Workshop Dinner (meet in lobby at 6:15pm)

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