



IBM Haifa Leadership Seminar – Call for Participation

Keynote speakers:

Willy Zwaenepoel, *EPFL*

Danny Dolev, *HUJI*

Organizing committee:

Erez Hadad, *HRL*

Muli Ben-Yehuda, *HRL*

Eliezer Dekel, *HRL*

Miriam Allalouf, *HRL*

Ben-Ami Yassour, *HRL*

Yaron Wolfsthal, *HRL*

Dalit Naor, *HRL*

Assaf Schuster, *Technion*

Yitzhak (Tsahi) Birk, *Technion*

Program committee:

Assaf Schuster, *Technion*

Yitzhak (Tsahi) Birk, *Technion*

Roy Friedman, *Technion*

Sivan Toledo, *Tel Aviv U*

Shlomi Dolev, *Ben Gurion U*

Leendert Van Doorn, *AMD*

Marc E. Fluczynski, *Princeton*

Dilma Da Silva, *IBM Watson*

Bob Wisniewski, *IBM Watson*

Michael Factor, *HRL*

Julian Satran, *HRL*

Muli Ben-Yehuda, *HRL*

Ilan Shimony, *HRL*

Leah Shalev, *HRL*

Avi Mendelson, *Intel Israel*

Shimon Shoken, *IDC*

SYSTOR 2007

IBM Haifa Systems & Storage Conference

Virtualization Workshop

October 29, 2007

Organized by the IBM Haifa Research Lab

The Systems Technologies and Services Department at IBM's Haifa Research Lab (HRL), in collaboration with the Technion - Israel Institute of Technology, cordially invite you to a full-day workshop on the subject of virtualization within the SYSTOR 2007 conference. SYSTOR 2007 is the first high-quality refereed systems and storage conference organized by IBM Haifa Labs, drawing upon the successful foundation of previous systems and storage seminars. The purpose of this conference is to forge and nourish research and working relations within the academic and industrial community in Israel and in the world, targeting researchers and practitioners alike.

The virtualization workshop in SYSTOR 2007 will present contemporary advancements in the field of systems virtualization and will feature two renowned keynote speakers: **Danny Dolev** from the Hebrew University of Jerusalem, Israel, and **Willy Zwaenepoel** from Lausanne Federal Institute of Technology (EPFL), Switzerland.

SYSTOR 2007 will be held on Monday and Tuesday, October 29-30, 2007, at the HRL site at the Haifa University campus from 09:15 to 17:15. The Virtualization Workshop will take place on the first day followed by the Storage: Market Trends and Future R&D Seminar for practitioners, organized by the IBM Haifa Storage Lab, on the second day.

Lunch and refreshments will be served on both days. Participation is free.

Topics

Relevant topics include, but are not limited to, the following:

- Virtualization techniques: native, emulation, paravirtualization, OS-level and application-level
- Programming language support for virtualization
- Hardware virtualization support: machine, IO, networking, storage
- Virtual machine support for parallel and distributed computing models
- Applications of virtualization: deployment, security, correctness, and reliability
- Virtual-machine scheduling and resource allocation
- Image management: storage, semantics, cloning and configuration
- Processor and architecture simulators
- Experiences with implementing virtualization

Important Dates

Virtualization Workshop paper submission deadline	August 30, 2007 (extension)
Acceptance Notification:	September 13, 2007
Camera-ready (full papers):	October 11, 2007
SYSTOR 2007 Virtualization Workshop:	October 29, 2007

Submission

SYSTOR's virtualization workshop accepts only original work. Authors may submit their work either as an extended abstract (up to 2 pages) or as a full paper (up to 14 pages). Submissions should be in 11 pt font, in .pdf format. Submissions will be evaluated, after which notifications will be sent to the authors. All accepted works will be presented in a single track. No workshop proceedings will be published, but selected full papers will be published in a special issue of ACM Operating Systems Review. Extended abstracts will not be published. Work presented at SYSTOR may have been published elsewhere; in case of such an overlap, authors should add a reference to the additional publication to their submission.

To submit, use the web submission system at <http://papers.haifa.il.ibm.com/systor07/>

Please feel free to further distribute this invitation to students and fellow researchers / developers.