



Invitation to IBM's Storage Systems Technology Workshop 2002

November 21, 2002

Organized by IBM Research Lab in Haifa, Israel

www.haifa.il.ibm.com/Workshops/storage2002

The Storage Systems Technology Department at the IBM Haifa Research Lab (HRL) cordially invites you to a full-day workshop on storage systems to be held on Thursday, November 21, 2002. The seminar will take place at HRL's new site on the Haifa University campus, in the HRL auditorium (room L100), from 9:30 to 17:15. Lunch and light refreshments will be served. Participation is free.

Please confirm your participation by November 14 via the seminar website, www.haifa.il.ibm.com/Workshops/storage2002/registration.html, or send your registration to Yehudit Ovadia, ovadia@il.ibm.com.

9:30 Arrival

9:45 Welcome

Alain Azagury, Mgr., Storage Systems Technology, IBM Research

Session 1: New Storage Architectures

10:00 *Towards an Object Store*, Michael Factor, IBM Research

10:25 *Distributed Computing and Storage Systems: from Better Theory to Better Practice*, Gregory Chockler, Dahlia Malkhi, Hebrew University

10:50 *Virtual File Network: A Platform for Global NAS*, Issy Ben-Shaul, Actona Technologies

11:15 -11:30 Coffee break

Session 2: Copy Functions

11:30 *Cross-Platform Copy/Mirroring Services for Disaster Recovery*, Aviad Dagan, StoreAge Networking Technologies

11:55 *Point-in-time Copy: Yesterday, Today and Tomorrow*, Amiram Hayardeny, IBM Research

Keynote

12:20 *Title TBD*, Jai Menon, IBM Fellow, Functional Manager, Computer Science, Storage Systems, IBM Almaden Research Center (in video)

Lunch 13:00 - 14:00

Session 3: Storage Performance

14:00 *Analysis of Background Read Tasks*, Eitan Bachmat, BGU, Jiri Schindler, CMU

14:25 *Performance Modeling of Storage*, Ariel Landau, Nava Aizikowitz, Bilha Mendelson, IBM Research

14:50 *The Random RAID Stream-Server Architecture*, Yitzhak Birk, Technion

15:15 - 15:30 Coffee break

Session 4: Storage Infrastructure

15:30 *Self-Stabilizing Distributed File Systems*, Shlomi Dolev, Ronen I. Kat, BGU

15:55 *Design of the iSCSI Protocol*, Kalman Meth, IBM Research

16:20 *SAN Appliances – Different Functions, Different Design Points*, Alex Winokur, SANGate Systems

16:45 *Concluding Remarks*

Michael Rodeh, Director, IBM Haifa Labs

ORGANIZING COMMITTEE

Alain Azagury

IBM Research Lab in Haifa

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