Systems & Storage Seminar 2005

December 11, 2005

http://www.haifa.il.ibm.com/Workshops/systems-and-storage2005/index.html

09:15 Arrival, light refreshments

09:30 *Welcome,*
Oded Cohn, Director, IBM Research Lab in Haifa

09:45 *Provisioning Space in Single Track Granularity: Implementation and Usage,*
Rivka Matosevich, IBM Research Lab in Haifa

10:10 *Split Path Storage Virtualization with Intelligent Switches,*
Yuval Zohar, Director, Product Management, StoreAge Networking Technologies Ltd.

10.35 *Multi-Box RAID with 3rd Party Transfer and ECC Calculation in Targets using RDMA,*
Yitzhak Birk and Erez Zilber, Department of Electrical Engineering, Technion

11:00 Break

11:30 *Medical Diagnostic Imaging – Data Storage and Networking Requirements,*
Moshe Avnet, IT Professional Services Manager PACS Sales technical support, GE Healthcare

12:10 *Self Tuning Memory Management in a Relational Database System,*
Sam Lightstone, IBM Canada

12:35 *The Xen Hypervisor and its IO Subsystem,*
Muli Ben-Yehuda, IBM Research Lab in Haifa

13:00 Lunch

14:00 ***Keynote: Using Object Storage Devices to Provide Highly Reliable, Highly Scalable Storage,***
Ethan Miller, Associate Professor, Department of Computer Science, Baskin School of Engineering, University of California Santa Cruz

14:50 *Analysis of PQRS Models,*
Eitan Bachmat, Department of Computer Science, Ben-Gurion University

15:15 Break

15:30 *Application Mobility and Replication: Meiosys Approach to Virtualization,*
Marc Vertes, Philippe Bergheaud, IBM STG, France

16:05 *Scalable and Robust Content Distribution with Dynamic Users,*
Idit Keidar, Department of Electrical Engineering, Technion, Roie Melamed, Department of Computer Science, Technion

16:30 *Transactional-Execution Data-Replilcation Service TreadCAT,*
Eliezer Dekel, Gera Goft, Dean Lorenz, Roman Vitenberg, Alan Wecker, IBM Research Lab in Haifa

16:55 *Concluding Remarks,*
Alain Azagury, DGM, Systems Technologies and Tools, IBM Research Lab in Haifa