Systems & Storage Seminar 2004
November 28, 2004

09:15 Arrival

09:30 Welcome
Michael Rodeh, Director, IBM Haifa Labs

09:45 *Resource Allocation and Utilization in the Blue Gene/L Supercomputer*,
Tamar Domany, IBM Haifa Labs

10:10 *High Speed Total Order for SAN Infrastructure*,
Ilya Shnayderman, Danny Dolev, Tal Anker, Gregory Greenman, The Hebrew University of Jerusalem

10.35 *Scalability Issues in Storage Area Networks*,
Eitan Maggeni, StoreAge

11:00 Break

11:20 *Virtualization Using Linux & Open source*,
Ami Shlezinger, Israel Aircraft Industries Ltd

11:45 *Information vs. Speed Tradeoff in Journal*,
Philip Derbeko, SANRad

12:10 *Distribution & Consistency Services (DCS) - Towards Flexible Levels of Availability* ,
Eliezer Dekel, IBM Haifa Labs

12:35 *AGRID - Distributed and Autonomous Agent-based Resource Management and Scheduling Middleware*
Yoav Levy , Tsahi Birk Electrical Engineering Department, Technion

13:00 Lunch

14:00 Keynote: Storage Aggregation for Performance and Availability: The Path from Physical RAID to Virtual Objects,
Garth Gibson, Co-founder and Chief Technology Officer Panasas, Inc. Associate Professor CMU

14:50 *Multilevel Cache Management Based on Application Hints*
Gala Yagdar, Assaf Schuster, Dr. Michael Factor, Computer Science Department, Technion

15:15 Break

15:30 *Storage System & Application in the Consumer Electronics World*,
Stephen Cumpson, Philips Research

16:05 *Challenges and Solutions in Remote Mirroring*,
Aviad Zlotnik , IBM Haifa Labs

16:30 *Modeling Disk Activity Using Very Little Data*,
Eitan Bachmat, Ben Gurion University

16:55 *Concluding Remarks*
Alain Azagury, Mgr., Storage and Systems, IBM Haifa Labs