Invitation to IBM's Software Testing and Verification Seminar 2002

December 19, 2002

Organized by IBM Research Lab in Haifa, Israel

http://www.haifa.il.ibm.com/Workshops/SoftwareTesting2002/

The Verification Technologies Department at the IBM Haifa Research Lab (HRL) cordially invites you to a full-day seminar on Software Testing and Verification, to be held on Thursday, December 19, 2002.

The seminar will take place at HRL's new site on the Haifa University campus, HRL's auditorium (room L100), from 9:30 to 17:30. Lunch and light refreshments will be provided.

Participation in the workshop is free, but requires registration, so please confirm your participation via the seminar website below by Thursday, December 12:
http://www.haifa.il.ibm.com/Workshops/SoftwareTesting2002/registration.html

Enclosed is a preliminary program of the seminar:

9:15 Arrival

9:30 *Welcome*

Yossi Malka, IBM HRL

9:45 *AGEDIS - Automated Model-based Test Generation and Execution for Software*, Alan Hartman , IBM HRL

10:15 *Efficient On-The-Fly Data Race Detection in Multithreaded C++ Programs*, Asaf Shuster, Technion

10:45 *Building Secure Code*, Oded Sacher, Microsoft

11:25 Break

11:40 *A Case Study in Abstract Testing: Checking Validity of String Operations*, Mooly Sagiv, TAU

12:20 *Testing Multi Threaded Java Programs*, Shmuel Ur, IBM HRL

13:00 *Directions in Formal Verification of Software*, Ishai Rabinovitz, IBM HRL

13:30 Lunch

14.30 Keynote
Model-Checking and Abstraction to the Aid of Parameterized Systems
Amir Pnueli, Weizmann Institute of Science

15:15 *Using SW BlackBoxes to integrate root cause analysis into the QA process*, Shlomo Wygodny, Identify

15:55 Break

16:10 *Detecting and solving common performance problems of J2EE*, Eyal Oz, Mercury

16:50 *Cross-fertilization between hardware verification and software testing*, Avi Ziv, IBM HRL

17:20 *Concluding Remarks*, Michael Rodeh, Director, IBM HRL

ORGANIZING COMMITTEE

Shmuel Ur   Orit Edelstein

IBM Haifa Research Lab