



IBM Research – Haifa Seminar Program

**IBM Programming Languages and Software
Engineering Seminar 2012**

November 12, 2012

<p>9:00 Registration</p> <p>9:30 Opening Remarks <i>Seminar organizers</i></p> <p>9:35 Keynote: Software Development: What's Missing? <i>David Parnas, Middle Road Software</i></p> <p>10:35 Break</p> <p>10:45 Session I:</p> <p>ArcV: A Views-Based Specification Language for the Structure of Component and Connector Architectures <i>Shahar Maoz (Tel Aviv University), Jan Oliver Ringert, and Bernhard Rumpe (RWTH Aachen University)</i></p> <p>Persistence and Distribution of Fault-Prone Software Components <i>Yoram Adler, John Beveridge, Eitan Farchi, Andrei Heilper, Orna Raz, and Onn Shehory (IBM Research – Haifa)</i></p> <p>11:45 Break</p>	<p>12:00 Session II:</p> <p>Evaluating a Natural Language Interface for Behavioral Programming <i>Michal Gordon and David Harel, Weizmann Institute</i></p> <p>Example Overflow: Using Social Media for Code Recommendation <i>Alexey Zagalsky, Ohad Barzilay, and Amiram Yehudai, Tel Aviv University</i></p> <p>Programming Interactive Applications Behaviorally with JavaScript and Blockly <i>Assaf Marron (Weizmann Institute), Gera Weiss (Ben Gurion University), and Guy Wiener (HP Labs)</i></p> <p>13:30 Lunch</p> <p>14:15 Panel: Fixing Software Engineering <i>Orna Berry (EMC), Oded Cohn (IBM Research – Haifa), David Harel (Weizmann Institute), David Parnas (Middle Road Software), and Amiram Yehudai (Tel Aviv University, moderator)</i></p> <p>15:45 Ice cream social; Poster/demo session</p> <p>16:30 Concluding Remarks <i>Oded Cohn, IBM Research – Haifa</i></p>
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