

Preface

This volume contains the proceedings of the 11th Haifa Verification Conference (HVC 2015). The conference was hosted by IBM Research Haifa Laboratory and took place during November 17–19, 2015. It was the 11th event in this series of annual conferences dedicated to advancing the state of the art and state of the practice in verification and testing. The conference provided a forum for researchers and practitioners from academia and industry to share their work, exchange ideas, and discuss the future directions of testing and verification for hardware, software, and complex hybrid systems. Overall, HVC 2015 attracted 32 submissions in response to the call for papers. Each submission was assigned to at least three members of the Program Committee and in some cases additional reviews were solicited from external experts. The Program Committee selected 17 papers for presentation. In addition to the 17 contributed papers, the program included five invited talks by Patrice Godefroid (Microsoft Research), Stephen Bailey (Mentor Graphics), Mooly Sagiv (Tel Aviv University), Bodo Hoppe (IBM), and Yoav Hollander (Foretellix LTD). On the last day of the conference, the HVC award was presented to Armin Biere (Yohannes Kepler University Linz) for his contributions to SAT solving and its usage in verification. On November 16, one day before the conference, we held a tutorial day.

I would like to extend our appreciation and sincere thanks to local organization team from IBM Research Haifa Laboratory. In particular, Michael Vinov, the general chair, Tali Rabetti, the publicity chair, Tamer Salman, the tutorials chair, Revivit Yankovich the local coordinator, Yair Harry, the webmaster, and the Organizing Committee, which included Moshe Levinger, Ronny Morad, Avi Ziv, Karen Yorav, Sharon Keidar Barner, and Laurent Fournier. HVC 2015 received sponsorships from IBM, Qualcomm, Cadence Design Systems, Sandisk, Mentor Graphics, and Mellanox Technologies. Submission and evaluation of papers, as well as the preparation of this proceedings volume, were handled by the EasyChair conference management system.

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Nir Piterman

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