The RV series of workshops brings together researchers from academia and industry that are interested in runtime verification. The goal of the RV workshops is to study the ability to apply lightweight formal verification during the execution of programs. This approach complements the offline use of formal methods, which often use large resources. Runtime verification methods and tools include the instrumentation of code with pieces of software that can help to test and monitor it online and detect, and sometimes prevent, potential faults.

RV 2009 was held during June 26–28 in Grenoble, adjacent to CAV 2009. The program included 11 accepted papers. Two invited talks were given by Amir Pnueli, on “Compositional Approach to Monitoring Linear Temporal Logic Properties” and Sriram Rajamani on “Verification, Testing and Statistics.” The program also included three tutorials.

We would like to thank the members of the Program Committee and additional referees for the reviewing and participation in the discussions.

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Saddek Bensalem

Doron Peled
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