



Theory and Practice of Formal Methods

An event on the occasion of Frank de Boer's 60th birthday

3 April 2016 — Eindhoven, the Netherlands

<https://ths.rwth-aachen.de/fdb60/>

Scientific Programme

09:00 –	Opening
09:20	Jan Rutten
09:20 –	Time Travel in Stories and Games
09:40	Michiel Helvensteijn, Farhad Arbab
09:40 –	Comparing Trace Expressions and LTL for Runtime Verification
10:00	Davide Ancona, Angelo Ferrando, Viviana Mascardi
10:00 –	Compositional Verification Applied to (Parameterised) Hybrid Systems
10:20	Lacramioara Astefanoaei, Saddek Bensalem, Marius Bozga
10:30– 11:00	Coffee break
11:00 –	On Sessions and Infinite Data
11:20	Mariangiola Dezani, Luca Padovani, Paula Severi, Emilio Tuosto
11:20 –	Modeling Role-Based Systems with Exogenous Coordination
11:40	Clemens Dubslaff, Philipp Chrszon, Christel Baier, Joachim Klein, Sascha Klüppelholz
11:40 –	On Time Actors
12:00	Marjan Sirjani, Ehsan Khamespanah
12:00 –	The Upscale project: Actors and sessions
12:20	Nobuko Yoshida
12:30 – 14:00	Lunch
14:00 –	Effectively Eliminating Auxiliaries
14:20	Jurriaan Rot, Stijn de Gouw
14:20 –	A Sound and Complete Hoare Logic for Dynamically-Typed Languages
14:40	Björn Engemann, Ernst-Rüdiger Olderog
14:40 –	Array Abstraction with Symbolic Pivots
15:00	Reiner Hähnle, Nathan Wasser, Richard Bubel
15:00 –	Conformance Checking of Real-Time Models: Symbolic Execution vs. Bounded Model Checking
15:20	Bernhard K. Aichernig, Florian Lorber, Martin Tappler
15:30 – 16:00	Coffee break
16:00 –	Industrial Application of Formal Models Generated from Domain Specific Languages
16:20	Jozef Hooman
16:20 –	Closing
16:50	Frank de Boer
18:30 –	Dinner at Restaurant Vestdijk 47
...	Vestdijk 47, Eindhoven