

# QMC 2010

## Quantitative Model Checking

PhD School  
Copenhagen, Denmark  
2-5 March 2010

<http://www.artist-embedded.org/artist/-Quantitative-Model-Checking-2010-.html>



IT University  
of Copenhagen



The PhD school on quantitative model checking, **QMC 2010**, is organized by the European Network of Excellence **ARTIST Design** and the Danish VKR Center of Excellence **MT-LAB** and takes place at the IT University Copenhagen from 2 to 5 March 2010. It features lectures and other activities by world-renowned experts within the areas of real-time, probabilistic, and hybrid model checking.



The lectures will present advances within this broad field of quantitative model checking, providing an in-depth account of state-of-the-art modeling and logical formalisms, model checking algorithms as well as practical applications and offering hands-on experience of state-of-the-art quantitative model checking tools.



# Lecturers



## Finite-state model checking

**Keijo Heljanko**, Helsinki, Finland

**Alessandro Cimatti**, Trento, Italy

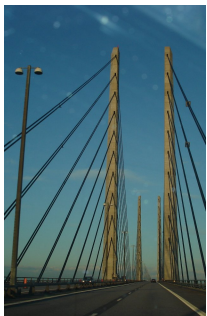
**Pierre Wolper**, Liege, Belgium

## Real-time model checking

**Nicolas Markey**, Cachan, France

**Patricia Bouyer-Decitre**, Cachan, France

**Kim G. Larsen**, Aalborg, Denmark



## Probabilistic model checking

**Joost-Pieter Katoen**, Aachen, Germany

**Christel Baier**, Dresden, Germany

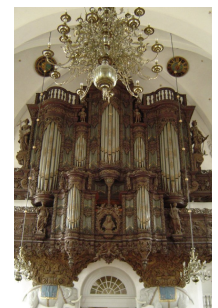
**David Parker**, Oxford, UK

## Hybrid model checking

**Martin Fränzle**, Oldenburg, Germany

**Jean-François Raskin**, Bruxelles, Belgium

**Goran Frehse**, Grenoble, France







### Program chairs

**Kim G. Larsen**, Aalborg, Denmark

**Joost-Pieter Katoen**, Aachen, Germany

### Organizers

**Andrzej Wąsowski**, Copenhagen, Denmark

**Uli Fahrenberg**, Aalborg, Denmark

### Contact

Uli Fahrenberg

Department of Computer Science

Aalborg University

Selma Lagerløfs Vej 300

9220 Aalborg Øst

Denmark

Phone: +45 99 40 89 28

Email: [uli@cs.aau.dk](mailto:uli@cs.aau.dk)

<http://qmc.cs.aau.dk/>

