

# **6th Workshop on Fixed Points in Computer Science**

## **FICS 2009**

Coimbra, Portugal, 12–13 September 2009

### **Proceedings**

Institute of Cybernetics at Tallinn University of Technology

Tallinn ◦ 2009

6th Workshop on Fixed Points in Computer Science  
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<http://www.ioc.ee/>

ISBN 978-9949-430-29-1

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Printed by Alfabpress

# Preface

This volume is the proceedings of the *6th Workshop on Fixed Points in Computer Science, FICS 2009*, to take place in Coimbra, Portugal, 12–13 September 2009. This workshop will be held as a satellite workshop of the *23rd International Workshop on Computer Science Logic, the 18th EACSL Annual Conference, CSL 2009* (7–11 September), in colocation with the *11th ACM SIGPLAN Symposium on Principles and Practice of Declarative Programming, PPDP 2009* (7–9 September), and the *19th International Symposium on Logic-Based Program Synthesis and Transformation, LOPSTR 2009* (9–11 September).

FICS is intended as a forum for researchers to present their results to those members of the computer science and logic communities who study or apply the theory of fixed points. FICS was initiated by Zoltán Ésik. Previous workshops of the series were held in Brno (1998, MFCS/CSL workshop), Paris (2000, LC workshop), Florence (2001, PLI workshop), Copenhagen (2002, LICS (FLoC) workshop), Warsaw (2003, ETAPS workshop).

The two-day programme of FICS 2009 consists of three invited and 15 contributed talks, represented in this volume by short resp. extended abstracts. Our invited speakers are Robin Cockett (University of Calgary), Javier Esparza (Technische Universität München) and Yde Venema (Universiteit van Amsterdam). The contributed talks were selected from among 22 submissions by an international program committee. Each submission was reviewed by three PC members or additional referees. But as the selection was based on extended abstracts, not full papers, the nature of these proceedings is informal. A formal post-proceedings, consisting of revised, full versions of selected contributions, will be published as a special issue of the journal *Theoretical Informatics and Applications* of EDP Sciences.

We are grateful to Zoltán Ésik for entrusting us to organize this edition of FICS, to our PC and additional referees for the work they did on the submissions to the workshop and have yet to do on the special issue, to our invited speakers for accepting to come and talk in Coimbra, and to the authors of all submissions for choosing FICS. We are indebted to the organizing committee of CSL/PPDP/LOPSTR 2009, in particular, Reinhard Kahle, José Carlos Espírito Santo and Pedro Quaresma, for offering to host FICS 2009 and for taking care of all practical arrangements concerning the workshop. To Christian Hoffrut, we extend our thanks for agreeing to publish the special issue, and to Andrei Voronkov, for powering us with EasyChair.

FICS 2009 is sponsored by EXCS, the Estonian Centre of Excellence in Computer Science, funded mainly by the European Regional Development Fund.

Ralph Matthes and Tarmo Uustalu

Toulouse—Tallinn, 24 August 2009

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(funded mainly by the European Regional Development Fund)



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