

25th Nordic Workshop on Programming Theory

NWPT 2013

Tallinn, Estonia, 20–22 November 2013

Abstracts

Institute of Cybernetics at Tallinn University of Technology

Tallinn ◦ 2013

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Preface

This volume contains the abstracts of the talks to be presented at the 25th Nordic Workshop on Programming Theory, NWPT 2013, to take place in Tallinn, Estonia, 20–22 November 2013.

The NWPT workshops are a forum bringing together programming theorists from the Nordic and Baltic countries (but also elsewhere). The previous workshops were held in Uppsala (1989, 1999 and 2004), Aalborg (1990), Göteborg (1991 and 1995), Bergen (1992, 2000 and 2012), Åbo (Turku) (1993, 1998, 2003 and 2010), Aarhus (1994), Oslo (1996, 2007), Tallinn (1997, 2002 and 2008), Lyngby near Copenhagen (2001 and 2009), Copenhagen (2005), Reykjavík (2006) and Västerås (2011). This year 2013 the workshop series celebrates its 25th anniversary.

The scope of the meetings covers traditional as well as emerging disciplines within programming theory: semantics of programming languages, programming language design and programming methodology, programming logics, formal specification of programs, program verification, program construction, program transformation and refinement, real-time and hybrid systems, models of concurrent, distributed and mobile computing, language-based security. In particular, they are targeted at early-career researchers as a friendly meeting where one can present work in progress but which at the same time produces a high-level post-proceedings compiled of the selected best contributions in the form of a special journal issue.

The programme of NWPT 2013 includes three invited talks by distinguished researchers—Keijo Heljanko (Aalto University), Shin-ya Katsumata (Kyoto University) and Jaco van de Pol (Universiteit Twente). The contributed part of the programme consists of 23 talks by authors from different European countries.

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Tarmo Uustalu and Jüri Vain

Tallinn, 15 November 2013

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