The Programming, Logic, and Semantics group (PLS) at ITU

Welcome to the homepage of the Programming, Logic and Semantics group at ITU. The PLS group is one of the seven research groups at ITU (for the others, please visit the research section of ITU’s homepage).

Description

The PLS group conducts research in the theory of programming languages and logic. The aim of this research is to provide the tools allowing for future software to be safe, reliable and trustworthy, and the competences of the group span from mathematical modelling and reasoning to implementation of tools. The research interests of the group currently span the following areas: Logics for reasoning about programming languages, programming language design, proof assistants, type theory, denotational semantics, concurrency and security as well as applications of these topics to digital elections, business process modeling and other topics.

Recent and upcoming news

- Jorge Perez visits PLS, 25-26 June, 2018. Host: Agata Murawska and Marco Carbone
- Willard Rafnsson joins PLS as an assistant professor, May 2018.
- Yves Bertot visits PLS April 9-10, 2018. Host: Jesper Bengtson
- Prof. Nobuko Yoshida and her PhD student, Eva Graversen visit PLS 5-12 March. Host: Marco Carbone
- Danel Ahman visits PLS, Nov 13-16. Host: Rasmus Møgelberg
- Sonia Marin joins PLS as a postdoc, Nov 2017
- Hugo A. López joins PLS as a postdoc, Oct 2017
- Niccolò Veltri joins PLS as a postdoc, Sept 2017
- Jonas Kastberg Hinrichsen joins PLS as a PhD student, Sept 2017
- Neelakantan Krishnaswami visits PLS, April 24-28. Host: Rasmus Møgelberg
- Bas Spitters visits PLS, March 24, 2017. Host: Rasmus Møgelberg
- João Costa Seco visits the PLS group February 12-23, 2017. Host: Thomas Hildebrandt
- Rasmus Møgelberg organises a seminar on models of type theory in Spring 2017.
- Rosario Giustolisi joins the PLS group as a postdoc working with Carsten Schurmann. February 2017.
- Johannes Åman Pohjola visits the PLS group January 23-27, 2017. Host: Jesper Bengtson

Older news