

Days in Logic 2024

Técnico, ULisboa, February 1-3, 2024

Presentations

- **Regular typed unification**
João Barbosa, Mário Florido
Faculdade de Ciências and LIACC, Universidade do Porto, Portugal
Vítor Santos Costa
Faculdade de Ciências and CRACS, Universidade do Porto, Portugal
- **Hypothetical query answering over continuous data streams**
Luís Cruz-Filipe
Dept. Mathematics and Computer Science,
University of Southern Denmark
Graça Gaspar, Isabel Nunes
LASIGE and Dept. de Informática, Ciências ULisboa, Portugal
- **Towards a specification theory for paraconsistent logic**
Juliana Cunha, Alexandre Madeira
CIDMA and Dept. de Matemática, Universidade de Aveiro, Portugal
Luís Soares Barbosa
INESC TEC and Dept. de Informática, Universidade do Minho, Portugal
- **Nonstandard analysis meets category theory**
João Dias, Bruno Dinis
Universidade de Évora, Portugal
- **Vagueness and transitivity**
Bruno Dinis
CIMA Universidade de Évora and CMAFcIO
Bruno Jacinto
CFCUL, ULisboa, Portugal
- **Atomization in the polymorphic Lambda-calculus:
exploring Russell-Prawitz translation variants**
Gilda Ferreira
Universidade Aberta and CMAFcIO, Portugal
- **Robust non-computability of the reachability problem
and stability of dynamical systems**
Daniel Graça
Universidade do Algarve and Instituto de Telecomunicações, Portugal
- **Deciding intuitionistic propositional logic using a 2-
valued non-deterministic logical matrix**
Sérgio Marcelino
Instituto de Telecomunicações, Portugal
Carlos Caleiro
Dept. de Matemática, Técnico ULisboa and Instituto de Telecomunicações,
Portugal

- **An ecumenical view of proof-theoretic semantics**
Victor Nascimento, Luiz Carlos Pereira
 UERJ/CNPq, Brazil
 Elaine Pimentel
 University College London, UK
- **Decidability of modal logic S4 through a labelled proof system**
 Maria Osório
 CMAFcIO, Portugal
- **Approaches and metrics in automated theorem generation/finding in geometry**
Pedro Quaresma
 CISUC and Dept de Matemática, Universidade de Coimbra, Portugal
 Pierluigi Graziani
 Dept of Pure and Applied Sciences, University of Urbino, Italy
 Stefano M. Nicoletti
 Formal Methods and Tools, University of Twente, Enschede, Netherlands
- **Event-based time-stamped claim logic**
Jaime Ramos, João Rasga, Cristina Sernadas,
 Dept. de Matemática, Técnico ULisboa and Instituto de Telecomunicações,
 Portugal
 Luca Viganò
 Dept. of Informatics, King's College London, UK
- **Labelled proof systems for existential reasoning**
 Jaime Ramos, João Rasga, Cristina Sernadas
 Dept. de Matemática, Técnico ULisboa and Instituto de Telecomunicações,
 Portugal
- **On the use of proof terms in the study of proof search**
 José Espírito Santo
 Centro de Matemática, Universidade do Minho, Portugal
- **General notions of consistency**
 Paulo Guilherme Santos
 ISCAL IPL and CMAFcIO, Portugal
- **On algebraic closedness of the structure of external numbers**
 Imme van den Berg
 CIMA, Universidade de Évora, Portugal