Workshop on Proof Theory and its Applications
Schedule Thursday 13.7.2023

Time	**Program**
9.20-9.50	**Registration**
9.50	**Opening**
10.00	**Invited Talk** - Leszek Kolodziejczyk -
11.00	**Coffee break**
11.30	**Contributed Talks Slot 1** Room 1: Towards Intuitionistic Gödel-Löb Logic (with a capital 'I') - Anupam Das, Iris van der Giessen and Sonia Marin - Room 2: Implicit Commitments, Reflection, and Believability - Maciej Głowacki -
11.50	**Contributed Talks Slot 2** Room 1: On intuitionistic diamonds (and lack thereof) - Anupam Das and Sonia Marin - Room 2: Reflection and Induction for subsystems of HA - Mojtaba Mojtahedi, Fedor Pakhomov, Philipp Provenzano and Albert Viss -
12.10	**Contributed Talks Slot 3** Room 1: To prove or not to prove that IS4 - Marianna Girlando, Roman Kuznets, Sonia Marin, Marianela Morales - Room 2: The structure of the definability relation between definitions of truth - Piotr Gruza -
12.30	**Contributed Talks Slot 4** Room 1: Combinatorial Flows - Giti Omidvar and Lutz Straßburger - Room 2: There are no minimal essentially undecidable theories - Fedor Pakhomov, Albert Visser and Juvenal Murwanashyaka -
12.50	**Lunch**
15.00	**Contributed Talks Slot 5** Room 1: Reduction of arithmetical completenesses - Mojtaba Mojtahedi - Room 2: Rule-Elimination Theorems - Sayantan Roy -
15.20	**Contributed Talks Slot 6** Room 1: Succinctness of the fixed point theorem for GL - Konstantinos Papafilippou and David Fernández - Room 2: Proof Equivalences in Constructive Modal Logic - Matteo Acclavio, Davide Catta, Federico Olimpieri and Lutz Straßburger -
15.40	**Contributed Talks Slot 7** Room 1: Tree rewriting system for RC - Sofía Santiago Fernández and Joost J. Joosten - Room 2: Neutral free logic: Proof theory and its applications - Edi Pavlovic and Norbert Gratzl -
16.00	**Coffee break**
16.30 — 17.30	**Invited Talk** - Maria Lluisa Bonet -

Workshop on Proof Theory and its Applications
Schedule Friday 14.7.2023

Time	**Program**
10.30	**Invited Talk** - Samuel Buss -
11.30	**Coffee break**
12.00	**Contributed Talks Slot 1** Room 1: Regular resolution effectively simulates resolution - Sam Buss and Emre Yolcu - Room 2: The Proof-Theoretic Criteria of Logic and the Logicality of Arithmetic - Will Stafford -
12.20	**Contributed Talks Slot 2** Room 1: Surprising or Predictable? . Weak Systems Have Hard Theorems - Raheleh Jalali - Room 2: Completeness Proof of Strict Finitistic Predicate Logic - Takahiro Yamada -
12.40	**Contributed Talks Slot 3** Room 1: Computational expressivity of (circular) proofs with fixed points - Gianluca Curzi and Anupam Das - Room 2: (The philosophy of) translating first-order natural deduction proofs - Robin Martinot -
13.00	**Lunch**
15.00	**Contributed Talks Slot 4** Room 1: Implementation of Anaphora Resolution Using the Refine Tactic of C - Hina Kosaihira, Yuta Takahashi and Daisuke Bekki - Room 2: A natural combinatorial principle that is weak over weak theories yet strong over strong theories - Giovanni Solda -
15.20	**Contributed Talks Slot 5** Room 1: Proof Disbalancing for Proving Complexity Results Towards Infinitary Focusing - Stepan Kuznetsov - Room 2: Ordinal Analysis of Labelled Kruskal's Theorem - Gabriele Buriola and Andreas Weiermann -
15.40	**Contributed Talks Slot 6** Room 1: On the complexity of muMALL proof systems - Anupam Das, Abhishek De and Alexis Saurin - Room 2: Finite Labeled Trees Ordered By Non-Inf-Preserving Embeddings - Alakh Dhruv Chopra and Fedor Pakhomov -
16.00	**Coffee break** (+ deliberations of the jury)
16.40	**Best Student Award delivery + closing**