

# PROOFS AND PROGRAMS: FROM SEMANTICS TO COMPLEXITY

Logical and philosophical issues in contemporary proof-theory

Coord. Jean-Baptiste JOINET

Thursday 16th of May

9:30 Peter SCHROEDER-HEISTER

*Wilhelm-Schickard-Institut, Universität Tübingen*  
**Limits of proof-theoretic harmony**

10:30 Thomas PIECHA

*Wilhelm-Schickard-Institut, Universität Tübingen*  
**Proof theoretic validity and completeness**

11:45 Luca TRANCHINI

*Wilhelm-Schickard-Institut, Universität Tübingen*  
**Improving Prawitz's style proof-theoretic validity**

14:30 Michael ARNDT

*Wilhelm-Schickard-Institut, Universität Tübingen*  
**Assembly and Disassembly of inference rules**

15:30 Mattia PETROLO

*Laboratoire SPHERE, Université Paris Diderot - Paris 7*  
**On the computational meaning of axioms in a classical framework**

16:45 Mitsuhiro OKADA

*Keio University (Tokyo)*  
**Husserl and Hilbert on proof and computation : rewriting proofs and equational proofs**

Friday 17th of May

9:30 Alberto NAIBO

*Université Panthéon-Sorbonne - Paris 1. EXeCO*  
**Proof theory of epistemic logic of programs**

10:30 Fernanda LOBO

*Pontificia Universidade Católica, Rio de Janeiro (PUC-Rio)*  
**Inferentialist semantics and the problem of future contingents**

11:45 Gabriele PULCINI

*Università di Bologna*  
**A Logic for Non-Monotonic Processes and their Complexity**

14:30 Jean-Baptiste JOINET

*Université Jean Moulin Lyon 3. IRPhil*  
**Proofs, Naturality and Complexity**

15:30 Michele ABRUSCI

*Università degli Studi di Roma Tre*  
**Finiteness and complexity in logic : philosophical remarks on Transcendental Syntax**

16:45 Arnaud VALENCE

*Université Panthéon-Sorbonne Paris 1. Lophisc*  
**Old logic and contemporary logic. A revival of the logic of ideas ?**

ACTUALIZED INFORMATION ON

<http://facdephilo.univlyon3.fr/>

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