"COMPUTABILITY, ALGORITHMS, TYPES AND PROOFS"

International workshop in Philosophy of computing and logic

22-24 November 2021

Institut de Recherche Philosophique de Lyon
Université Jean Moulin Lyon 3
Org. Jean-Baptiste Joinet

MONDAY 22/11
Salle ROTONDE, 18 rue de chevreul 69007 Lyon (dernier étage)

14:30-15:45
Tito MARQUES PALMEIRO. UERJ, Rio de Janeiro, Departamento de Filosofia
About the equivalence which defines the central "thesis" of computability theory: recursive functions, lambda-calculus and computatibility

16:00-17:15
Jean-Baptiste JOINET. Univ. Jean Moulin Lyon 3, IRPhiL & IHPST (CNRS, univ. Paris 1)
The essentialist and the existentialist approaches of the notion of type

TUESDAY 23/11
Amphi HUVELIN, 15 quai Claude Bernard, 69007 Lyon (rez-de-chaussée)

09:45-11:00
Carlos OLARTE LIPN, Université Sorbonne Paris Nord
A subexponential view of domains in session types (joint work with Daniele Nantes and Daniel Ventura)

11:15-12:30
Paolo PISTONE. Universitá di Bologna

Towards Logical Foundations for Randomized Computability (joint work with Melissa Antonelli and Ugo Dal Lago)

14:45-16:00
Hermann HAUESLER. PUC-Rio de Janeiro
About Hypercomputation and the physical Turing-Church thesis

16:15-17:30
Walter DEAN. University of Warwick. Department of Philosophy

Algorithms and Ontology

WEDNESDAY 24/11
Salle ROTONDE, 18 rue de chevreul 69007 Lyon (dernier étage)

10:00-11:15
Luiz Carlos PEREIRA. PUC-Rio de Janeiro
About Ex falso quodlibet and Disjunctive Syllogism

11:15-12:30
Elaine PIMENTEL. Université Sorbonne Paris-Nord
Ecumenical modal logic

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