Veriﬁcation, Interaction and Proofs
First VIP meeting
November 19 - 24, 2018, IRIF

November 19, 2018

Formal meeting program

The formal VIP meeting will take place from Nov 19th to Nov 21st in the Sophie Germain Building, Turing amphitheater. Information on this venue can be found on the IRIF web site http://www.irif.fr

Monday November 19th

9:00. Welcome

9:30 – 10:15. Ahmed Bouajjani (IRIF): Robustness against asynchrony
10:15 – 11:00. Wu Zhilin (ISCAS): Android Stack Machine

Coffee break

11:30 – 12:00. Lv Yi (ISCAS): Dynamic Veriﬁcation of Java Memory Model with Static Analysis
12:00 – 12:30. Wu Peng (ISCAS): Diversity Driven Active Testing of Concurrent Programs

Lunch break


Tuesday November 20th

9:00. Welcome

9:30 – 10:15. Amina Doumane (LIP): Completeness for Identity-free Kleene Lattices

10:15 – 11:00. Jean Krivine (IRIF): A Calculus of Branching Processes

Coffee break

11:30 – 12:00. Bin Li (Fudan university): The Binary Space Partitioning-Tree Process
12:00 – 12:30. Wang Yong (AMSS): Causal regulatory network inference for understanding genetic variants

Lunch break


Coffee break

17:15 – 17:45. Jiang Ying (ISCAS): Presentation of the work of other members of the VIP project

Wednesday November 21st

9:00. Welcome

10:15 – 11:00. Pang Jun (University of Luxembourg): Understanding and Control Long-run Dynamics of Large Biological Networks

Coffee break

11:30 – 12:00. Alexis Saurin (IRIF): On non-wellfounded proof and cuts in linear logic with fixed points

Lunch break


Coffee break

16:15 – 16:45. Jiang Ying (ISCAS): Towards Combining Model Checking and Proof Checking
16:45 – 17:30. Thomas Ehrhard (IRIF): Semantics of linear logic with inductive and coinductive types