# Logic Mentoring Workshop @ CSL 2024

23 February 2024

## Logic Mentoring Workshop

- introduces young researchers to technical and practical aspects of a career in logic research
- targeted at students, from senior undergraduates to graduates
- includes talks and a panel discussion

### Program

09:15-10:15	CSL invited talk by Moshe Y. Vardi: Logical Algorithms
10:15-10:45	Coffee break
10:45-11:15	Meet and greet
11:15-11:45	Studying Logic in Computer Science: the ABC Isabel Oitavem
11:45-12:15	Good student versus good researcher Laura Fontanella
12:15-12:45	How to survive a "What is your research about?" kind of question Paolo Pistone
12:45-14:00	Lunch break
14:00-14:30	Let Me Be Clear Matteo Acclavio
14:30-15:00	Structure in Research and Computation Antoine Mottet
15:00-15:30	Storytelling at conferences — how to present your paper without losing your audience Maaike Zwart
15:30-16:00	Coffee break
16:00-16:30	Work-Family Balance in Academia? — Reflections on my PhD time as a parent Luisa Herrmann
16:30-17:00	Doing a PhD is more than writing a thesis  Iris van der Giessen
17:00-17:45	Panel Antoine Mottet, Isabel Oitavem, Moshe Y. Vardi, and Maaike Zwart

Logic **Proof theory** reverse mathematics deduction completeness incompleteness Set theory type theory axioms ZEC decidability continuum hypothesis category theory recursive functions lambda calculus formal verification non-classical logics Recursion theory ordinals semantics cardinals computability complexity expressiveness **Model theory** Finite model theory

\*this is a non exaustive list (philosophy,...)

#### Meet & Greet

- · What is your background?
  - Research interests
  - Have you been at a conference yet?
  - ...
- · What do you expect from this workshop?
- What are your specific questions you would like to be addressed in the workshop?
- · How was your experience at CSL so far? What did you like?