

Sonia Marin

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## Current position

*Postdoctoral researcher*, IT-University of Copenhagen, Denmark.  
Project: *MetaCLF2* funded by Qatar National Research Fund.

## Education

- 2018 PHD in Computer Science, Université Paris Saclay - École Polytechnique.  
Thesis: *Modal proof theory through a focused telescope*
- 2014 MSC in Cognitive Science, Université Paris 5 Descartes - École Normale Supérieure.  
Thesis: *Unawareness effect on decision-making*
- 2013 MSC in Mathematical Logic, Université Paris 7 Diderot.  
Thesis: *Deductive systems for modal logics in nested sequents*
- 2011 BSC in Mathematics, Université Paris 6 Pierre et Marie Curie.

## Publications and talks

### Conference proceedings

- Sept. 2017 *Proof theory of indexed nested sequents*. With Lutz Straßburger. Proceedings of Tableaux 2017.
- Aug. 2016 *A focused framework for emulating modal proof systems*. With Dale Miller and Marco Volpe. Proceedings of AIML 2016.
- June 2016 *Modular focused systems for intuitionistic modal logics*. With Kaustuv Chaudhuri and Lutz Straßburger. Proceedings of FSCD 2016.
- April 2016 *Focused and Synthetic Nested Sequents*. With Kaustuv Chaudhuri and Lutz Straßburger. Proceedings of FoSSaCS 2016.
- Aug. 2014 *Label-free Modular Systems for Classical and Intuitionistic Modal Logics*. With Lutz Straßburger. Proceedings of AIML 2014.

## Recent talks

- Dec. 2018 *Justification logic for constructive modal logics*. 3rd FISP Meeting, TU Wien.  
Nov. 2018 *Nested proof systems for modal logic (and beyond)*. Seminar presentation, CMAFIO, Universidade de Lisboa.  
July 2018 *Decomposing labelled proof theory for intuitionistic modal logic*. Women in Logic workshop, Oxford.  
June 2018 *Proof theory for indexed nested sequents*. Scandinavian Logic Symposium, Gothenburg.

## Teaching

- Spring 2019 Co-lecturer. Linear algebra and probability, IT-University, Copenhagen.  
Nov. 2018 Guest lecturer. Cognitive psychology, Carnegie Mellon University Qatar.  
Fall 2018 Teaching assistant. Machine learning, IT-University, Copenhagen.  
Fall 2016 Teaching assistant. Multiple variables and vectorial analysis, UPMC, Paris.  
Fall 2016 Teaching assistant. Analysis and algebra for sciences, UPMC, Paris.  
Spring 2016 Teaching assistant. Integration and linear algebra, UPMC, Paris.

## Professional service

- 2019 Co-organiser of Structures and Deduction SD'19, co-located with [FSCD 2019](#).  
2018 Programme committee member for [LSFA 2018](#).  
  
2018 Reviewer for [JLC](#) and [ToCL](#).  
2018 Subreviewer for [AiML 2018](#) and [WoLLIC 2018](#).  
  
2016-17 Elected member of the Lab Council as PhD students representative.  
2016-17 Organiser of the bi-weekly Parsifal team seminar.  
2015-16 Co-organiser of the monthly Inria-LIX PhD seminar.

## References

Lutz Straßburger [lutz@lix.polytechnique.fr](mailto:lutz@lix.polytechnique.fr)  
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91120 Palaiseau, France

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