Giulio Manzonetto

Short Bio

Since 2011, I am Assistant Professor (*maître de conférences*) in Paris at the University Sorbonne Paris–Nord, where I work as a member of the Logic and Verification team of the Computer Science lab. The research topic I carry in my heart is untyped λ-calculus that I study both from a syntactic and from a semantic perspective using techniques arising from linear logic, recursion theory, universal algebra, topology and category theory. More generally, my scientific interests include denotational semantics of programming languages, term rewriting systems, algebraic logic, type assignment systems and normalization proof techniques. My research achievements are generally appreciated at an international level. For instance, I am the recipient of this year "Paolo Gentilini Award for Mathematical Logic and its Applications to Computer science" (from AILA `http://www.ailalogica.it`) and my POPL paper, jointly written with my PhD student Barbarossa, received the Distinguished Paper Award. I am a PC member of FoSSaCS 2021, and served as a PC member of Trends in Linear Logic and Applications 2019, an FSCD affiliated workshop. I am regularly involved in the organisation of international conferences, like Computability in Europe 2016, and currently serve as Workshops Chair of IJCAR-FSCD 2020. I participated actively in the debate concerning the unprecedented health crisis, that led to the virtualization of these conferences.

Election Statement

I attended several editions of TLCA / RTA / RDP and I am a regular attendee of FSCD since its creation. I consider the variety of topics spanned by the associated workshops very enriching and stimulating from a scientific point of view. Not only I enjoy the ambience and the contents of the scientific talks, but I really feel part of this community, as witnessed by my proposal (joint with Guerrini) to host the event in Paris.

If elected, I will continue the mission of making FSCD and its workshops internationally renowned, attractive, well-organized and open to new subjects possibly arising in our field. My opinion concerning the acceptance policy of FSCD is that it should be primarily driven by the quality of the papers, rather than numerical considerations. I also think that we should have a regular "Best paper award", in addition to the already existing award for the "Best student paper".

Selected Publications

2020   D. Barbarossa and G. Manzonetto. *Taylor subsumes Scott, Berry, Kahn and Plotkin.* Proc. ACM Program. Lang. 4(POPL): pp. 1:1-1:23. Distinguished Paper Award.

2019   G. Manzonetto, A. Polonsky, A. Saurin and J. Grue Simonsen. *The fixed point property and a technique to harness double fixed point combinators.* J. Log. Comput. 29(5): pp. 831-880.

2018   G. Guerrieri, G. Manzonetto. *The Bang Calculus and the Two Girard's Translations.* Linearity-TLLA@FLoC 2018: 15-30.

2017   B. Intrigila, G. Manzonetto, A. Polonsky. *Refutation of Sallé's Longstanding Conjecture.* FSCD 2017: pp. 20:1-20:18

2016   A. Salibra, G. Manzonetto, G. Favro. *Factor Varieties and Symbolic Computation.* LICS 2016: pp. 739-748.

2016   F. Breuvart, G. Manzonetto, A. Polonsky and D. Ruoppolo. *New Results on Morris's Observational Theory.* FSCD 2016: pp. 15:1-15:18.