

# JULES CHOUQUET

## PERSONAL INFORMATIONS

*Email*                    [chouquet@irif.fr](mailto:chouquet@irif.fr)  
*Web page*                [irif.fr/~chouquet](http://irif.fr/~chouquet)  
*Birth* : 19/11/1992

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## CURRENT ACTIVITY

*Teaching*                Java, programming and compilation ( 1st year) · Algorithmics (2nd year, python) · Java programming (1st year) · SQL databases (2nd year)

*Publications*            *An application of parallel cut elimination in unit free multiplicative linear logic to the Taylor expansion of proof nets*, avec Lionel Vaux, CSL 2018. ([link](#))  
Long version available as a preprint at [this address](#)

*Interests and research area*      Proof theory · Linear logic, proof nets · Curry–Howard correspondance · Topological structures for distributed systems

## EDUCATION AND DIPLOMA

*Phd (2016-2019)*            2016–2019            IRIF — Paris-Diderot  
Phd, supervised by C.Tasson and L.Vaux. Concerns quantitative semantics of  $\lambda$ -calculus, linear logic proof-nets, Taylor expansion.

*Research internship(spring 2015, three months)*            2015                    Aix–Marseille universit e  
Research internship on linear logic proof-nets, supervised by Lionel Vaux in LdP team of the I2M, Marseilles, France. Defended at Paris–Diderot, september 2015. Jury : A. Saurin, T. Ehrhard, B. Accatoli, B. Valiron.

*Master of mathematics*            2014–2015            Universit e Paris–Diderot  
Master LMFI : mathematical logic and foundations of computer science.  
Speciality : proof theory and correspondance between proofs and programs.

*Master of philosophy*            2013–2016            Universit e Paris–1 Panth on–Sorbonne  
Master Lophisc (Logic, philosophy, history of science) of Paris 1, leading to the redaction of two thesis (Master 1 and Master 2). Firstly about Curry-Howard correspondance and combinatory logic; then about the identity of proofs (normalization and proof nets).

*Licence of philosophy and logic*            2010–2013            Universit e Paris–1 Panth on–Sorbonne  
Licence of philosophy and licence of logic (obtained with honors.)

## OTHER INFORMATIONS

*Languages*                ENGLISH · fluent  
                                  SPANISH · fluent  
                                  ITALIAN · understood

*Other interests*            Piano · Classical music · Litterature · Bike · Cooking · Climbing