

JULES CHOUQUET

PERSONAL INFORMATIONS

Email chouquet@irif.fr

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Birth : 19/11/1992

Situation Research and teaching assistant (ATER) at the computer science department in Université de Paris for academic year 2019/2020. Phd thesis defended in december 2019.

Teaching Computer science concepts (first year, java) · algorithmics (second year, python) · Programming (first year, java) · Databases (second year, sql), C (third year), advanced programming (masters in engineering school, java), algorithmics (second year, pseudocode), Operating systems (first year).

Publications — *Taylor expansion for Call-By-Push-Value*. Avec Christine Tasson, CSL 2020.
— *Taylor expansion, finiteness and stratégies*. MFPS 2019.
— *An application of parallel cut elimination in unit free multiplicative linear logic to the Taylor expansion of proof nets*, avec Lionel Vaux, CSL 2018 (long version available on Arxiv, to appear on LMCS journal).

Research areas Proof theory · Linear Logic, Proof nets
· Curry–Howard correspondance · Distributed computing

OTHER INFORMATIONS

Langyages

ENGLISH · fluent
SPANISH · fluent
ITALIAN · understood
SERBO-CROATIAN (BCSM) · beginner

JAVA · fluent
C · understood
OCAML · understood
PYTHON · familiar
HTML/Css/PHP · beginner
Coq · familiar

Other interests Piano · Litterature · Comics · Classical Music · Cycling · Cooking · Climbing

FORMATION ET DIPLOMA

2016–2019 IRIF — Université de Paris

Phd Phd at l'IRIF, directed by Christine Tasson and Lionel Vaux Auclair. Title : *Une géométrie du calcul*. Sous-titre : *Réseaux de preuve, Appel-Par-Pousse-Valeur et Topologie du Consensus*. First year spent at I2M, Aix-Marseille Université with Lionel Vaux Auclair.

Phd defense : december 6, 2019, at Université de Paris.

Comitee : Carole Delporte, Thomas Ehrhard (president), Damiano Mazza (reviewer), Samuel Mimram (reviewer), Christine Tasson, Lorenzo Tortora de Falco, Lionel Vaux Auclair.

2015 Aix–Marseille universit 

*Research
internship*

Research internship on Linear Logic proof nets with Lionel Vaux Auclair in 2015 (three months) in LdP team of I2M. Defended at Paris–Diderot in september.

2014–2015 Universit  Paris–Diderot

*Masters in
mathematics*

Masters Logique Math matique et Fondements de l’Informatique (LMFI); with specialty proof theory.

2013–2016 Universit  Paris–1 Panth on–Sorbonne

*Masters of
philosophy and
logic*

Masters of *Logics, philosophy and history of science* of Paris 1, leading to two thesis (M1 then M2). First, about Curry-Howard isomorphism and combinatory logics; then about the problem of identity of proofs.

2010–2013 Universit  Paris–1 Panth on–Sorbonne

Licences

Licence of philosophy and licence of logic.