

Curriculum vitae

Name: **TASSON, Christine**
Date of birth: May, 27th 1981

Status: female, French, married, two children
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Research topics

During my career, I have focused my research on programming languages and mathematical models. I have done a PhD in semantics of programming languages using topological vector spaces. I have then turned to combinatorial semantics of distributed systems and to probabilistic programming.

Education

- 2018 Habilitation à diriger des recherches at Université Paris VII, France
Date defended: November, 23th 2018
Title: [Models of Distributed, Differential and Probabilistic Computation](#)
- 2006-2009 PhD in Computer Science at Université Paris VII, France
Date defended: December, 4th 2009
Title: [Vectorial Semantics and Syntax in Linear Logic](#)
Advisors: Pierre-Louis Curien and Thomas Ehrhard
- 2006 Parisian Master of Research in Computer Science
- 2005 "Agrégation" in Mathematics, French National Teaching diploma
- 2002-2006 Schooling at the École Normale Supérieure (ENS) de Cachan (Now Paris-Saclay)

Employment

- 2010-NOW Assistant professor (Maître de conférences) at Université de Paris, France
Affiliated to the "Institut de Recherche en Informatique Fondamentale" (IRIF)
- 2009-2010 Post-doc researcher in Éric Goubault's team at CEA, France
ATER in Mathematics department at Université Paris VII

Awards

- 2015 [Shortlisted](#) (2 nominees) for "médaillles de Bronze" of the French National Scientific Research Center (CNRS), Computer Science ([section 6](#)). *It awards each year one promising french young researchers among all the researchers of INRIA, CNRS and assistant professors in the area corresponding to each section.*
- 2015 International Conference on Automated Deduction (CADE) [Skolem Award](#) for a CADE paper (over 25 papers) that has Passed the Test of Time, by being a Most Influential Paper in the field.

Plenary invited speaker

- 2020 [MFPS](#) (International conference on Mathematical Foundations of Programming Semantics, Paris, France)
- 2020 [SYCO7](#) (International Symposium on Compositional Structure, Tallinn, Estonia)
- 2020 [The Gandy Colloquium](#) (International workshop for the centenary of Robin Gandy, Oxford, France)
- 2019 [Program Transformations for Machine Learning](#) (International workshop at Neurips 19, Vancouver, Canada)
- 2019 [Collège de France](#) (National seminar associated to the "science du logiciel" chair, Paris, France)
- 2018 [CSL](#) (International conference on Computer Science and Logic, Birmingham, UK)
- 2017 [FSCD](#) (International conference on Formal Structures for Computation and Deduction, Oxford, UK)
- 2016 [Compositionality](#) (International workshop, Simons Institute, Berkeley, USA)

Career Breaks

- From 13/09/2014 to 02/01/2015 Second child maternity break
- From 23/05/2011 to 11/09/2011 First child maternity break

Supervision

2018-NOW	Zeinab Galal (with T. Ehrhard and L. Vaux), PhD on combinatorial species and syntactic differential equations
2016-NOW	Rémi Nollet (with A. Saurin), PhD on temporal logic and reactive programming
2016-2019	Jules Chouquet (with L. Vaux), PhD on resource semantics of programs
2016-2017	Shane Mansfield , Post-doc on semantics of quantum programming <i>Now, he is holding a Marie Curie Fellowship at Université Paris VI</i>
2015	Hugo Paquet , Master internship on probabilistic programs semantics <i>Now, he is a PhD student of Glynn Winskel, Cambridge UK</i>
2013	Marie Kerjean , Master internship on semantics of differential linear logic <i>Now, she is post-doc with Assia Mahboub in the Galinette INRIA's team, Nantes France. She has been awarded the L'OREAL UNESCO Young Talent fellowship. she has been awarded in 2019 of the Prix Jeunes Talents France 2019, L'ORÉAL-UNESCO Pour les femmes et la science.</i>
2011	Martin Bodin , Master internship on proof theory (with S. Gimenez). <i>He is research associate at Department of Computing, Imperial College London, UK</i>

PhD Committees

2019	Raphaëlle Crubillé (Université Paris VII), Renaud Villemart (Université de Lorraine)
2018	Marie Kerjean (Université Paris VII), Yann Hamdaoui (Université Paris VII)
2017	Luc Pelissier (Université Paris XIII), Fabien Reuter (Université Paris VII)

Organisation of Scientific Meetings

2020	Co-organizer of GeoCat 2020, Satellite workshop of FSCD-IJCAR 2020
2018	Organizer of the special session Probabilistic Programming and Higher-Order Computation at CIE2019
2017-NOW	Active member of the scientific committee for the national monthly seminar Chocola Lyon, France (25 participants)
2016	Co-organizer of the International Workshop on Information and Processes WIP'16, Fontainebleau, France (25 participants)
2014	Organizer of the national conference JFLA'14 (50 participants)

Institutional Responsibilities

2019-NOW	Elected member of the computer science scientific council of the national "Institut des sciences de l'information et de leurs interactions" (INS2I) of the CNRS
2018-NOW	Co-head of the Master of Research cursus Logique Mathématique et Fondation de l'Informatique (LMFI). (25 students, 20 teachers)
2017-NOW	Lead of the Algebra and Computation theme of IRIF <i>gathering 20 permanents, 4 post-docs and 15 PhD students</i>

Program Committee, Reviewing

I am engaged as *co-chair* of the **international conference**: FOSSACS 2021.

I am engaged in the program committee for the following **international conference**: LICS 2020.

I was a member of the program committee for the **international conferences**: POPL2020, CIE 2019, ICALP 2019, FOSSACS 2018, LICS 2017, MFPS 2016 ; **international workshops**: LAFI 2019 (Languages for inference), Linearity & TLLA 2018, WIP 2016, SD 2014 and **national conferences**: JFLA 2014, 2013, 2012.

I am/was a reviewer for over 20 **international journals** MSCS (2015, 2017, 2018), LMCS (2010, 2017), IC (2012) and **international conferences** including: LICS (2011, 2017), ICALP (2012, 2015), CSL (2013, 2018), FSCD (2016), FOSSACS (2014, 2015, 2018), MFPS (2016, 2017), ICTAC (2015).

Participation to Research Projects

PPS 2020-2024	Member of the ANR PRC Project with M. Avanzini, F. Breuvert, P. Clairambault, U. Dal Lago, T. Ehrhard (principal investigator), C. Faggian, C. Grellois, G. Manzonetto, D. Mazza, M. Pagani, D. Sangiorgi, B. Valiron, L. Vaux
RAPIDO 2014-2019	Member of the ANR Jeune Chercheur Project with D. Baelde, P. Clairambault, D. Pous, Y. Régis-Gianas, C. Riba, A. Saurin (principal investigator)
COQUAS 2013-2016	Member of the ANR Jeune Chercheur Project with G. Manzonetto, D. Mazza, M. Pagani (principal investigator), L. Vaux