

CURRICULUM VITAE

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PHILIPPE GAUCHER

ADDRESS

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PERSONAL DETAILS

Gender: He/Him
Date of birth: February 5th, 1967
Place of birth: Amiens, France
Present Citizenship: French

RESEARCH AREA

Homotopy theory and applications in computer science (concurrency theory)

EDUCATION

09/1984–06/1987 Undergraduate courses (L1, L2) to prepare nationwide competitive exams, Mathematics, Physics, Computer Science at the Classe Préparatoire du Lycée Corneille (Rouen, France)

10/1987–06/1988 Undergraduate and graduate studies (L3, M1) at the Ecole Normale Supérieure de la rue d’Ulm (Paris, France)

1988 L3 and M1 degrees in mathematics and computer science (Magistère Ecole Normale Supérieure de la rue d’Ulm et Université Paris 7 Denis-Diderot)

Title: A propos de l’homologie des algèbres de Lie

09/1988–06/1989 Graduate studies (M2) at the Institut de Recherche Mathématique Avancée (Université Louis Pasteur, Strasbourg, France)

1989 M2 degree in pure mathematics (algebraic topology, Université Louis Pasteur, Strasbourg)

Supervisor: Daniel Guin

Title: On the general linear group and Hochschild homology
1992 Ph.D. degree in mathematics (algebraic topology, Université Louis Pasteur, Strasbourg)
Jury: Jean-Louis Loday (supervisor), Henri Carayol (rapporteur), Christophe Soulé (rapporteur), Daniel Guin, Hubert Rubenthaler
Title: Opérations sur l’homologie d’algèbres de matrices et homologie cyclique

2002 Habilitation degree in mathematics (algebraic topology and application in computer science, Université Louis Pasteur, Strasbourg)
Jury: Jean-Louis Loday (supervisor), Jeremy Gunawardena (rapporteur), Hans-Werner Henn (rapporteur), Michael Johnson (rapporteur), Pierre-Louis Curien, Jean-Yves Girard, Daniel Guin
Title: Déformation des Flots de Chemins Continus : Théorie et Applications

EMPLOYMENT
10/1987–08/1991 Student at the Ecole Normale Supérieure de la rue d’Ulm (Paris)
09/1991–08/1992 Math Teacher at the Université Louis Pasteur (Strasbourg) Allocataire Moniteur Normalien
09/1992–08/1993 Military service at the ONERA (Toulouse) Supervisor: Gérard Eizenberg
09/1993–09/2003 CNRS researcher at the Institut de Recherche Mathématique Avancée (IRMA, Strasbourg)
10/2003–12/2015 CNRS researcher at Preuve Programme Système (PPS, Paris)
01/2016–Now CNRS researcher at the Institut de Recherche en Informatique Fondamentale (IRIF, Paris)

ACADEMIC AWARDS
1984 Lauréat du Concours Général de Mathématiques

PROFESSIONAL SERVICE
1989–1992 Teaching (French: colleur en math sup) in lycée Kleber de Strasbourg
1994–1995 Webmaster of IRMA Strasbourg
2001–2002  Teaching in L1 and L2 math (130 h, algebra, analysis, logic)
2002–2003  Teaching in L1 math and L3 geography (96 h, algebra, analysis)
2003-2007  Local coordinator for ANR project (INVAL)
2006–Now    Reviewer for Math Reviews (160 reviews including 4 books)
2007–Now    Reviewer for zbMATH (190 reviews)
2022–Now    Member of the Editorial Board of Extracta Mathematica
2003–Now    Project reviewer (NSERC Canada, Israel Science Foundation)

PUBLICATIONS


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**Preprints**


