

Florent Schaffhauser

Heidelberg University



About me

PhD. in Mathematics working in academia since 2005, with experience in Japan, Colombia, France and Germany.

Committed to inclusive and accessible higher education, with a keen interest in the use of technology in the classroom.

Personal data

Born 31 July 1979, French citizenship. Single, no children.

Areas of specialization

- Algebraic geometry
- Differential geometry
- Computer-assisted mathematics

Interests

Creation of educational resources • Dissemination of knowledge • Development of digital learning

Languages

French
Native language
English
Fluent
Spanish
Fluent
Japanese
JLPT N3
German
CEFR A2-B1

Programming skills

Functional/Object
Sagemath, Python, R • Lean

Markup
L^AT_EX • Markdown • HTML, CSS, MathML

Software
Microsoft Word, Excel and Powerpoint • Apple Keynote

SCIENTIFIC CAREER

2022–now	Professor RUPRECHT KARLS UNIVERSITÄT · Heidelberg 1 publication. 4 courses taught. 2 students supervised.	
2012–2022	Associate Professor UNIVERSIDAD DE LOS ANDES · Bogotá 13 publications. 18 courses taught. 11 students supervised.	
2010–2012	Assistant Professor UNIVERSIDAD DE LOS ANDES · Bogotá 2 publications. 8 courses taught. 4 students supervised.	
2009–2010	Guest Scientist MAX PLANCK INSTITUTE FOR MATHEMATICS · Bonn Research project: Yang-Mills equations over Klein surfaces.	
2005–2009	Postdoctoral Fellow KEIO UNIVERSITY · Yokohama 5 publications.	

POSTGRADUATE EDUCATION

2019	Habilitation Thesis UNIV. DE STRASBOURG ·	
2005	PhD. in Mathematics UNIV. PARIS 6 ·	
2002	M.Sc. in Mathematics UNIV. PARIS 7 ·	
2001	M.Sc. in Economics HEC PARIS ·	

TEACHING EXPERIENCE

Riemann surfaces • Complex analysis • Differential geometry • Measure theory and integration • Algebraic varieties • Geometric Invariant Theory • Vector bundles on algebraic curves • Symplectic geometry • Linear algebra • Differential equations • Vector calculus

INSTITUTIONAL

RESPONSIBILITIES

2017–2021	<i>Committee for Gender Equity, Colombian Society of Mathematics.</i>
2017–2018	<i>Committee for Inter-Curricular Reform, Universidad de Los Andes.</i>
2016–2018	<i>Chair of the Graduate Committee, Universidad de Los Andes.</i>

AWARDS AND GRANTS

2020–2022	Residence Fellowship (part-time) from the <i>University of Strasbourg Institute for Advanced Study</i> .
2018–2020	Marie Curie Fellowship from the <i>Horizon 2020 Research and Innovation Programme</i> .
2007–2009	Lavoisier Fellowship from the French <i>Ministère des Affaires Étrangères</i> .
2005–2007	Postdoctoral Fellowship from the <i>Japanese Society for the Promotion of Science</i> .

INVITED LECTURES

2022	BIRS, Oaxaca. <i>Twisted local systems and Higgs bundles for non-constant groups.</i>
2021	Waseda University, Tokyo. <i>Non-abelian Hodge theory.</i>
2014	CRM, Barcelona. <i>Klein surfaces and their fundamental group.</i>
2007	Asahikawa Winter School. <i>Quasi-Hamiltonian spaces.</i>

STUDENT TRAINING

ACTIVITIES

2017	Research School on <i>Arithmetics and Dynamics</i> , Bogotá.
2014	CIMPA Research School on <i>Real Algebraic Geometry</i> , Villa de Leyva.