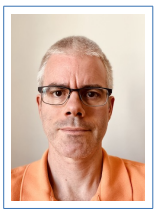
Laurent Berger

Department of Mathematics
UMPA, ENS de Lyon
UMR 5669 du CNRS
laurent.berger@ens-lyon.fr
perso.ens-lyon.fr/laurent.berger/



Personal info

Date of birth December 1976
Citizenship French

Education

2000–2002 **Visiting Graduate Student**, *Brandeis University*
1999–2000 **Visiting Graduate Student**, *University of Massachusetts Amherst*
1998–2001 **PhD Student**, *University Paris 6*
1995–1998 **Licence, Maîtrise, DEA**, *University of Orsay*
1995–1999 **Student**, *Ecole Normale Supérieure, Paris*

PhD and Habilitation

Nov 2006 **Habilitation**, *Représentations galoisiennes et analyse p-adique*, University of Orsay
May 2001 **PhD**, *Représentations p-adiques et équations différentielles*, University Paris 6, supervised by Pierre Colmez

Positions held

2017– now **Professor**, *ENS de Lyon*
2012–2017 **Professor and Member of IUF**, *ENS de Lyon and IUF*
2007–2012 **Professor**, *ENS de Lyon*
2005–2008 **Part-time Professor**, *Ecole Polytechnique*
2004–2007 **Chargé de Recherches at CNRS**, *University of Orsay and IHES*
2002–2004 **Benjamin Peirce Assistant Professor**, *Harvard University*

Teaching experience

2007– now L3, M1, M2 (graduate) and agrégation at ENS de Lyon
2003– now Various invited courses on my research
2005–2008 Problem sessions at Ecole Polytechnique
1999–2004 Courses at UMass Amherst, Brandeis and Harvard

PhD students

2023– now Corentin Lambert

2014–2019 Léo Poyeton, *Extensions de Lie p-adiques et (φ, Γ)-modules*

2009–2013 Giovanni Di Matteo, *Produits tensoriels en théorie de Hodge p-adique*

2008–2012 Mathieu Vienney, *Construction de (φ, Γ)-modules en caractéristique p*

Selected administrative duties

2025–2030 Coordinator of the ANR project PPAL

2022–2025 Chair of the math department

2019–2022 In charge of the advanced maths M2 in Lyon (UMPA and ICJ)

2009–2013 Research chair of UMPA

2007–2020 Founder and head of the number theory team, UMPA

Editorial activities

2011–2018 Editor for *Astérisque*

2009–2016 Co-editor in chief (with S. Attal and F. Wagner) of *Confluentes Mathematici*

2007–2010 Editor (with C. Breuil et P. Colmez) of three volumes of *Astérisque* on the p-adic Langlands program

Honors

2012–2017 Junior member of the IUF

2010 Lecture at the Séminaire Bourbaki

2009 Plenary Lecture at the Journées Arithmétiques

2006 *Cours Peccot* at the Collège de France

2002 Clay Liftoff Fellowship