Colin Davalo
Curriculum Vitae

Contact Information

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EDUCATION

PhD Student   since 2021
Univesität Heidelberg
> Under the supervision of Beatrice Pozzetti.

Student of the ENS Paris   2017-2021

Master 2 : Analysis, Arithmetic, Geometry   2020
Université Paris-Saclay
> Master thesis supervised by Olivier Guichard : "Fibration of domains of discontinuity for Hitchin representations".

Admitted to the ENS Paris   2017

Classes préparatoires MPSI/MP*   2015-2017
Lycée Louis le Grand, Paris

Baccalauréat S (High School Graduation)   2015
Lycée Blaise Pascal, Orsay

PRE-PUBLICATIONS

Projective structures with (Quasi-)Hitchin holonomy   2021
> (with Daniele Alessandrini and Qiongling Li)

Maximal and Hitchin representations in $\mathrm{Sp}(4, \mathbb{R})$ 2021

Domains of discontinuity and nearly geodesic immersions   2023

TEACHING EXPERIENCE

Tutoring for "A first course in Dynamical system" Winter Semester 2021-2022
Universität Heidelberg

CONFERENCES AND WORKSHOPS

When a talk was given, the title is in italic

Workshop on Anosov representations September 2021
Centre Paul Langevin, Aussois

Rencontre "Groupes et Géométrie" September 2021
La maison du Kleebach, Munster
Description of domains of discontinuity for some representations of surface groups.

Young Researcher's Workshop on Positivity in Lie Groups January 2022
IWH, Heidelberg
Exercise session on Lie Groups.

Groups, Geometry and Dynamics September 2021
A conference in honor of François Labourie
IESC, Cargèse

Marc Burger's Prime June 2021
ETH, Zürich

Workshop on Minimal surfaces in symmetric spaces and Labourie's conjecture August 2022
L'Escandille, Autrans
Maximal representations in rank 2

Nearly Carbon Neutral Geometric Topology Conference September 2022
Online talk
Description of domains of discontinuity for Anosov representations.

SEMINAR TALKS

Séminaire de théorie spectrale et géométrie April 2022
Institut Joseph Fourier, Grenoble
Représentations maximales et Borel Anosov dans $\mathrm{Sp}(4,\mathbb{R})$.

Karlsruhe-Heidelberg-Strasbourg "Geometry Day" May 2022
IRMA, Strasbourg
Maximal and Borel Anosov representations in $\mathrm{Sp}(4,\mathbb{R})$.

Séminaire d'algèbre, topologie et géométrie October 2022
Laboratoire J.A. Dieudonné, Nice
Représentations maximales et Borel Anosov dans $\mathrm{Sp}(4,\mathbb{R})$.

OTHER ACTIVITIES

$\mathbb{TFJM}^2$ problem comitee   2019-2021
POFM courses (french preparation for math olympiads)   2016 - 2022