



Calculus of Variations: A New Generation

Organizers:

Lorenzo Portinale (University of Bonn), Simone Di Marino (University of Genoa),
Emanuela Radici (University of L'Aquila)

Venue: Lipschitz Hall, Endenicher Allee 60, 53115 Bonn

This Workshop aims at bringing together young and talented mathematicians which work on subjects related to Calculus of Variations and its applications. Examples of interesting topics covered in the conference include regularity in PDEs, machine learning, mechanics, geometric flows, optimal transportation, Riemannian geometry, and quantum mechanics.

The general idea of the Workshop is to not limit the interaction between speakers and participants to the bare scientific presentations, but to provide enough space and time between the talks to leave space to potential collaborations and fruitful discussions.

We in particular encourage researchers in a young stage of career (Master and PhD students) to participate to the Workshop.

Speakers:

- Adolfo Arroyo-Rabasa
- Annika Bach
- Giulia Bevilacqua
- Elise Bonhomme
- Camilla Brizzi
- Elia Brué
- Léon Bungert
- Sara Daneri
- Cristiana De Filippis
- Annette Dumas
- Katharina Eichinger
- Xavier Fernandez-Real
- André Guerra
- Jasper Hoeksema
- Domenico Angelo La Manna
- Tim Laux
- Alice Marveggio
- Roberta Marziani
- Mircea Petrache
- Simone Rademacher
- Bozhidar Velichkov



Call for participation: Participation is free. If you are interested in participating, please fill out the application form:

<https://hcm-application.uni-bonn.de/app-calculus-of-variations-24/>

Successful applicants are selected based on research background.

The deadline for applications to participate in the Workshop is **May 5, 2024 (CET)**.