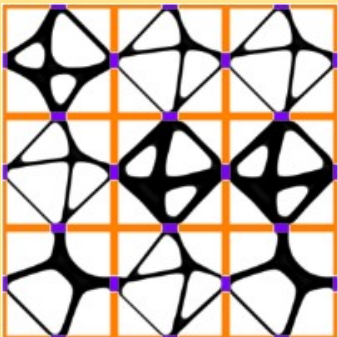


Conference

June 3-5, 2024



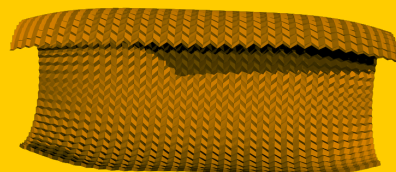
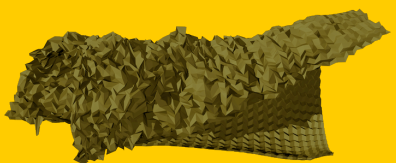
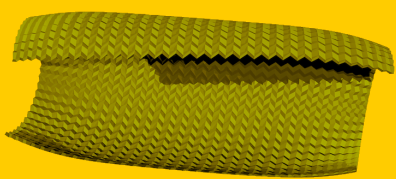
# Nonlinear PDEs, images, shapes and beyond

*A conference in honor of Martin Rumpf's 60<sup>th</sup> birthday*

## Organizers:

Benjamin Berkels (RWTH), Alexander Effland (University of Bonn), Benedikt Wirth (University of Münster)

Venue: Lipschitz lecture hall · Mathematics Center · Endenicher Allee 60 · 53115 Bonn



In honor of Martin Rumpf's 60th birthday, this conference covers various mathematical areas he has been and is still active in including mathematical imaging, computer graphics, shape spaces and shape optimization, numerical analysis for PDEs, and variational discretizations. A leitmotif will be how to render complex mathematical models computationally accessible in a rigorous way. Speakers are scientists Martin Rumpf has been working with and sharing paths of his mathematical journey with.

## Speakers:

- **Mirela Ben-Chen**  
(Technion Israel Institute of Technology)
- **Sergio Conti**  
(University of Bonn)
- **Patrick Dondl**  
(Albert-Ludwigs-Universität Freiburg)
- **Martin Metscher**  
(MTU Aero Engines AG)
- **Felix Otto**  
(Max-Planck-Institut für Naturwissenschaften)
- **Tobias Preußner**  
(Fraunhofer Institute for Digital Medicine MEVIS)
- **Carola-Bibiane Schönlieb**  
(University of Cambridge)
- **Peter Schröder**  
(California Institute of Technology)
- **Rüdiger Schultz**  
(Universität Duisburg-Essen)
- **Gabriele Steidl**  
(Technische Universität Berlin)
- **Robert Strzodka**  
(Universität Heidelberg)
- **Max Wardetzky**  
(Universität Göttingen)
- **Barbara Zwicknagl**  
(Humboldt-Universität zu Berlin)



**Call for participation:** Participation is free. If you are interested in participating, please fill out the application form: <https://www.hcm.uni-bonn.de/conference-nonlinear-pdes-application/>. Successful applicants are selected based on research background. Participants are welcome to join at their own cost. Deadline for application is **February 4, 2024**.