



**STRUCTURES**  
CLUSTER OF  
EXCELLENCE



**UNIVERSITÄT  
HEIDELBERG**  
ZUKUNFT  
SEIT 1386

# 2nd Workshop on Topological Methods in Data Analysis

Heidelberg University,  
taking place online

4<sup>th</sup> to 6<sup>th</sup> of October 2021

Registration until 1<sup>st</sup> of October via  
<https://forms.gle/CdKKXbfHiAc8QrPf9>

Zoom links will be provided subsequently



**STRUCTURES**  
CLUSTER OF  
EXCELLENCE



**UNIVERSITÄT  
HEIDELBERG**  
ZUKUNFT  
SEIT 1386

Topological data analysis (TDA) is a rapidly growing field of applied mathematics, that promises an exciting approach to the analysis of highly complex systems.

This three-day workshop includes introductions into the powerful data analysis machinery of persistent homology, extensive tutorials on the versatile GUDHI library, and in particular features invited colloquium talks by well-known experts in the field, aimed at a broader audience. In addition, participants will have the opportunity to give a short presentation on their own TDA-related work.

### **Colloquia by**

Nils Baas (*NTNU – Norwegian University of Science and Technology*)  
Frédéric Chazal (*INRIA Saclay – Île-de-France*)  
Rien van de Weygaert (*University of Groningen*)

### **Tutorial sessions by**

Mathieu Carrière (*INRIA Sophia Antipolis – Méditerranée*)

More information including a tentative schedule:

<https://www.mathi.uni-heidelberg.de/~mbleher/tdaworkshop21.html>

### **Organizational Committee consisting of**

Michael Bleher, Maximilian Schmah, Daniel Spitz, Anna Wienhard

Registration until 1<sup>st</sup> of October via  
<https://forms.gle/CdKKXbfHiAc8QrPf9>

Zoom links will be provided subsequently