



GAMM AG Data Workshop

NEW CHALLENGES IN DATA-DRIVEN MODELING

GAMM ACTIVITY GROUP DATA-DRIVEN MODELING AND NUMERICAL SIMULATION OF MICROSTRUCTURED MATERIALS

May 06 – 07, 2019

Location: RWTH Aachen University, Mies-van-der-Rohe-Str. 1, D-52074 Aachen, Germany

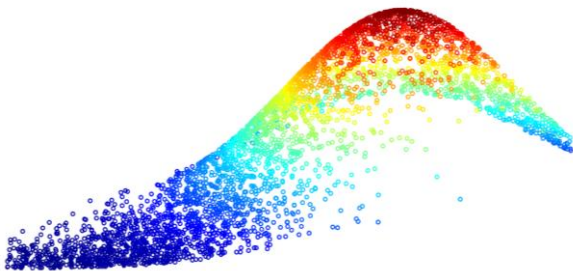


Description

The GAMM AG Data aims at coordinating the activities of the members of the International Association of Applied Mathematics and Mechanics (GAMM) in the field of data-based modeling, simulation and analysis in the context of microstructured materials.

Objectives of the workshop:

- to discuss the state of the art and recent trends in computational and experimental research
- to plan the AG Data activities
- explore possible collaborations with DGM



Topics include but are not limited to:

- data-supported modeling of the constitutive behavior of materials
- data-driven simulation techniques
- high-performance data-processing
- microstructure generation and analysis

Contributions

25 minutes scheduled for each presentation.

Abstract

Please submit the abstract until 07.02.2019 to the email address

GAMM-AG-Data@ifam.rwth-aachen.de

Template:

<https://rwth-aachen.sciebo.de/s/E7gxYILcd4ICMmK>

Registration

Abstract submission: **February 07, 2019**

Abstract Acceptance: **February 28, 2019**

Registration deadline: **March 15, 2019**

Registration fee: **100 €**

Registration:

http://www.mechbau.uni-stuttgart.de/EMMA/ag-data/registration_ag-data_2019_aachen.html

The fee covers coffee breaks, lunch, a conference dinner and a city tour.

Chairpersons

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