

Venue

Zuse Institute Berlin (ZIB)
Lecture Hall (Ground Floor)
Takustraße 7, 144195 Berlin

Small Data Analysis

An interdisciplinary workshop on
knowledge-driven analytics

This workshop is an opportunity to find future research topics and collaborations. It is the prelude to a Thematic Einstein Semester, which deals with the interaction of mathematics and non-mathematical disciplines. In our first workshop we deal with research questions and data from different disciplines and see how mathematics comes into play in interdisciplinary projects. Success stories but also critical views on this collaboration have their say. The following questions are examined in particular: Transition from the research question to the mathematical problem - is that possible? Can expert knowledge (beyond the concrete data) be represented mathematically? What is the impact of complexity reduction? Can mathematical structures be found in interdisciplinary research objects?



Registration & Contact

Please register via the email address below. Registration is still possible on the first day of the workshop. For any questions or support please also contact this email address:

TES_small_data@zib.de

1st Workshop

Thematic Einstein Semester on Small Data Analysis

An interdisciplinary
workshop on
knowledge-driven
analytics

01.-03. November 2023

Programme 1.11.

09:00 – 10:00 Registration

Arrival and Welcome

10:00 – 10:45 Keynote I:

Digital Humanities, Mathematics,
and Computer Science: Is there a
collaborative Research Agenda?

Prof. Dr. Dr. h.c. mult. Martin Grötschel

10:45 – 11:30 Keynote II:

Languages of Antiquity

Jun.-Prof. Dr. Eliese-Sophia Lincke

11:30 – 12:15 Keynote III:

Shape Evolution in Ancient Scripts

Dr. Barak Sober

12:15 – 13:30 LUNCH with Catering

13:30 – 15:00 DISCUSSION “Join-in”

Programme 2.11.

09:00 – 09:45 Keynote IV:

Medical Data

Prof. Dr. med. Kai Kappert

09:45 – 10:30 Keynote V:

Logical Data Analysis

PD Dr. Marcus Weber

10:30 – 11:00 COFFEE BREAK

11:00 – 12:30 DISCUSSION “Join-in”

12:30 – 14:00 LUNCH with Catering

14:00 – 16:00 POSTER SESSION

Collaboration Examples

Programme 3.11.

09:00 – 09:45 Keynote VI:

Experimental Archaeology

Dr. Laura Dietrich

09:45 – 10:30 Keynote VII:

Geometric Morphometry

Dr. Christoph von Tycowicz

10:30 – 12:00 EARLY LUNCH &

POSTER SESSION

12:00 – 13:30 DISCUSSION “Join-in”

13:30 – 14:00 PODCAST Presentation

Poster Sessions

This workshop is built around inter-disciplinarity between mathematics and other disciplines. We want to give the opportunity for researchers, scholars, and scientists from different disciplines to show their projects and have special exchange and interesting discussions with mathematicians on possible work together. For this a poster session is planned each day, where you can bring your own (max A0) Poster, to present your project. If you are interested to contribute, please contact us beforehand via email (address on the back).