



V. N. KARAZIN KHARKIV
NATIONAL UNIVERSITY



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Fall School 2026

Topological Data Analysis: From Persistent Homology to Mapper

5–9 October 2026

Dr. Barbara Mez-Starck-Haus · Ulm University

**For Master's students, PhD students, and PostDocs
in Mathematics, Computer Science, and related fields.**

Basic Python recommended · No prior topology required · Language: English

Discover how topology reveals structure in complex data.
Combine mathematical foundations with Python-based
practice, build Mapper graphs, and complete a reproducible
team TDA project.

Programme highlights

- Mathematical foundations
- Python-based practice
- Mapper framework
- Team project & presentation

At a glance

5 intensive days

4 expert lecturers

Lectures + Python sessions

Team project + final presentation

Lecturers

V. Chernyshev · I. Limonchenko

O. Leonov · L. Poliakova

Applications are open

Apply by 31 August 2026



Scan for the full
programme and
application details

Within the DAAD-supported Double-Degree Programme Ulm–Kharkiv.



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