

Martin Wellendorf

Mathematics Faculty Student Council / FSR Mathematik

Bachelor/Master Thesis Event

Presentations and Q&A

Before we start with the first presentation...

Formal aspects of Bachelor/Master Theses at TU Dresden

	Bachelor	Master
Link to study documents: • Study Regulations (Studienordnung) • Examination Regulations (Prüfungsordnung)	https://tu-dresden.de/mn/studium/studiendokumente-formulare/mathematik-bachelor	https://tu-dresden.de/mn/studium/studiendokumente-formulare/mathematik-master
Duration	8 weeks (maybe up to 4 additional weeks upon justified request)	20 weeks (maybe up to 10 additional weeks upon justified request)
Credits (ECTS)	9	27

Finding topics for a Bachelor or Master Thesis

The faculty does not maintain a website of proposed topics, but some institutes or professors do, e.g.

- Institute of Scientific Computing: <https://tu-dresden.de/mn/math/wir/studium/abschlussarbeiten>
- Prof. Neukamm (Applied Analysis): <https://tu-dresden.de/mn/math/wir/neukamm/studium/abschlussarbeiten>
- Prof. Sander (Numerical Methods of PDEs): <https://tu-dresden.de/mn/math/numerik/sander/studium/master-und-bachelorarbeiten>
- ...

In general, you are advised to ask professors in your field of interest directly (via email or in person)! At least 2-3 months in advance (more is better).

Templates and Forms for Bachelor and Master Theses

<https://tu-dresden.de/mn/math/studium/pruefungsaemter/abschlussarbeiten>

(template for title page and affidavit)

<https://tu-dresden.de/mn/studium/formulare-studiendokumente>

(forms for registration/submission/changes/... of final thesis)

Faculty information event

Information on upcoming lectures

2.50pm	Begrüßung, Dr. M. Herrich
2.55pm	Institut für Algebra, Prof. E. Henke
3.15pm	Institut für Numerische Mathematik, Prof. G. Matthies
3.35pm	Institut für Mathematische Stochastik, PD Dr. P. Di Tella
4.10pm	Allgemeine Informationen zum Masterstudium, Prof. V. Alekseev
4.30pm	Institut für Geometrie, Prof. P. Hornung
4.50pm	Institut für Wissenschaftliches Rechnen, Jun.-Prof. M. Schmidtchen
5.10pm	Institut für Analysis, Prof R. Chill
	Gleichstellungsbeauftragter, Prof. D. Pauly

When?
Wednesday
8th July 2026
at 2.50pm

Where?
WIL/A317

Organiser?
Lecturers from the Faculty of
Mathematics

Language?
German

Lecturers from the Faculty of Mathematics present the elective courses (both bachelor and master) offered by their departments for the coming semesters to students in their 4th and 6th bachelor semesters (Mathematics / Mathematics and Economics).
Where possible, information on potential bachelor's/ master's thesis topics is also provided here.

Schedule

Time	Agenda
5.00 pm	Introduction
5.15 pm	Mathematics for Applied Research Topics (Gwenda R. Rode) - The joys and hardships of writing a Master thesis with external supervision. Imposter Syndrome is Completely Normal :) (Miriam G.C. Loth) - Of ups and downs of starting your bachelor thesis.
5.30 pm	Q&A Session 1
5.45 pm	Expectations for a Bachelor's Thesis (Anneke Haase) - Between standard results and original writing. Keep It Simple (Oskar J.E. Klempt) - How feedback can give you the best results.
6.00 pm	Q&A Session 2 + Break
6.30 pm	How Mathematical Ideas Evolve (Max Eisold) - Undergraduate mathematics can be generalized into active research, using fractional differential equations. Diving into Research (Moritz P. Jahn) - On dead ends, the search for orientation, and the support your supervisor can give you.
6.45 pm	Q&A Session 3
7.00 pm	Master's Thesis as a Starting Point (Benjamin Rogoll) - From master's thesis to PhD student.
7.15 pm	Q&A Session 4