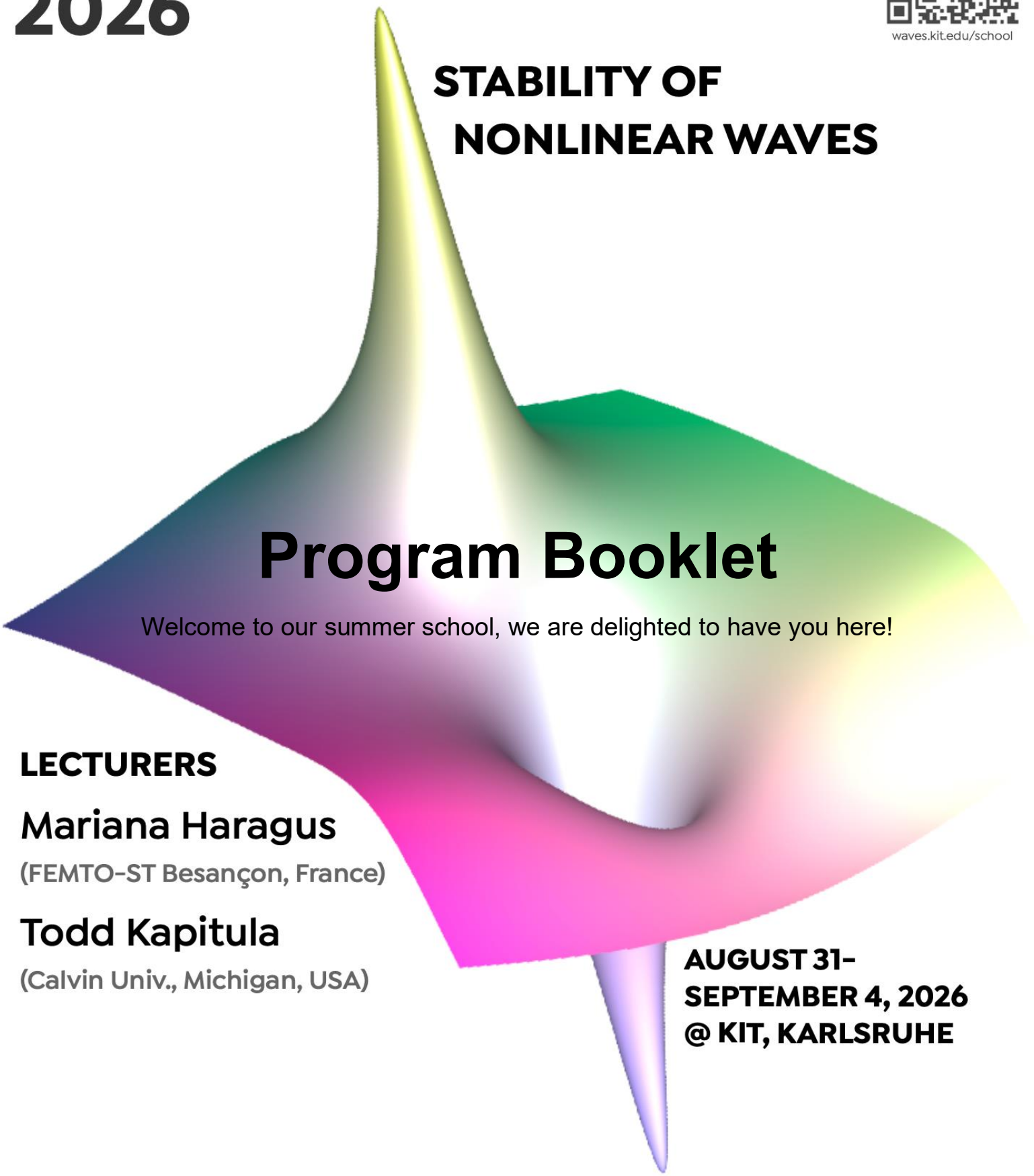
SUMMER SCHOOL 2026

waves.kit.edu/school

STABILITY OF NONLINEAR WAVES



Program Booklet

Welcome to our summer school, we are delighted to have you here!

LECTURERS

Mariana Haragus
(FEMTO-ST Besançon, France)

Todd Kapitula
(Calvin Univ., Michigan, USA)

AUGUST 31–
SEPTEMBER 4, 2026
@ KIT, KARLSRUHE

HOST INSTITUTION

KIT Karlsruhe Institute of Technology

CRC 1173 Wave phenomena analysis and numerics

FUNDED BY DFG Deutsche Forschungsgemeinschaft

Below you find all the information you need about the summer school. We wish you a stimulating with exciting lectures, inspiring discussions and valuable encounters!

Locations

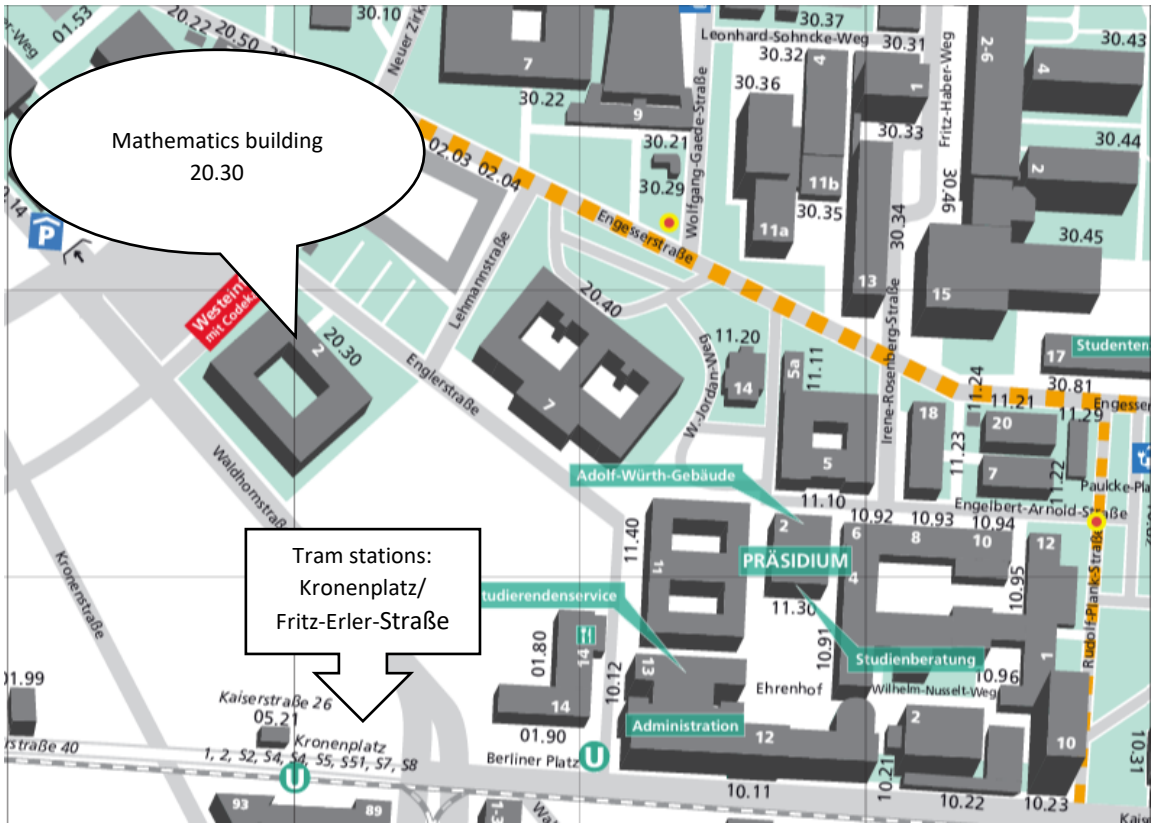
The summer school takes place at KIT South Campus (KIT Campus Süd) in Karlsruhe. The campus is situated in central Karlsruhe, to the east of the palace (Karlsruher Schloss), and can be reached conveniently by many tram lines. Close-by tram stops are Kronenplatz, Kronenplatz/Fritz-Erler-Straße or Durlacher-Tor/KIT Campus-Süd.

All summer school activities (but the dinner) take place in the following building:

Kollegiengebäude Mathematik/Mathematics building 20.30

Registration

Registration takes place on the first floor in meeting room 1.058 of building 20.30, starting at 1 p.m. on Monday, August 31, and lasting until approximately 2 p.m.
Please collect your name badge there.



Lectures and presentation of projects

All lectures and presentation of projects are held in seminar room 1.067 on the first floor in building 20.30.

Work on projects

The project work takes place in the Mathematics Building in seminar rooms 3.060, 3.061, 3.068, and 3.069 on the 3rd floor. Researchers of the KIT and the speakers will support the project work.

Extended break

The extended break will take place on Wednesday at 3.30 pm on the first floor in meeting room 1.058 of Building 20.30. During this extended break, you can join informal discussion groups on a range of topics, including career development, securing third-party funding, and diversity in academia. Each group will be led by a more experienced researcher.

Internet

WiFi is available throughout all KIT buildings. Users can login into the eduroam network with credentials from their home institution if available. Furthermore, there exist an open WiFi network called KA-WLAN (with bandwidth limitations) and also KA-sWLAN (with less limitations) after free registration. Both are also available in the city centre of Karlsruhe and in trams.

Technical aspects and software

In the lecture hall and the seminar rooms, there are only limited possibilities for charging devices. We strongly recommend charging devices before participating in your project work. Please approach one of the members of the organizational team if you need assistance.

Certificate of Attendance

Please note that a certificate of attendance will only be issued if you have attended the entire summer school.

Participants who attended the full summer school will receive their certificate of attendance by email after the summer school has finished.

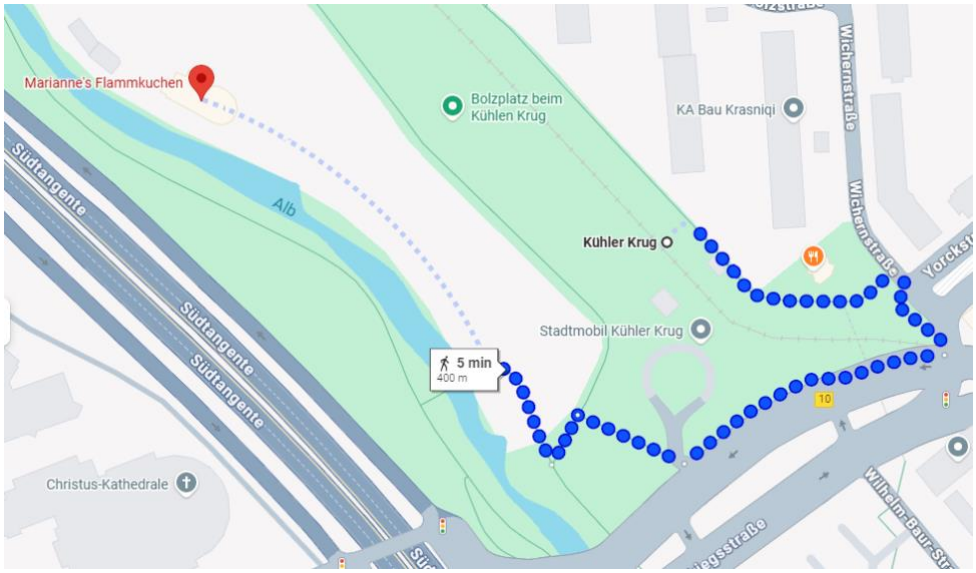
Social Program

Dinner

Dinner takes place at Marianne's Flammkuchen/KETV on Thursday evening, 6:30 to 9:00 pm. The meal (i.e. Tarte Flambee all you can eat) and one bottle of mineral water (for two persons) are free of charge. Please pay for any additional items that you consume.

The address of this location is "**Marianne's Flammkuchen/KETV", Kriegsstraße 300, 76185 Karlsruhe**, see the location via Google Maps here.

Here is a sketch of the path from the nearest tram station to the restaurant "**Marianne's Flammkuchen/ KETV"**. When clicking on the map you will be forwarded to the current info on best connections of the local public transport provider.



Practical Information

Public Transport

Karlsruhe has a very convenient public transport system with trams and busses. Tickets can be bought on most trams, at a vending machine or online. See **https://www.kvv.de/en/**.

Lunches and Dinner

We have organised complimentary coffee breaks for you. Coffee breaks take place on the first floor in meeting room 1.058 of building 20.30. Coffee, tea and mineral water are available there, along with savoury snacks in the morning and sweet snacks in the afternoon.

There are several restaurants nearby where you can buy lunch or dinner. Our conference dinner takes place on Thursday evening (see 'Social Program').

The city centre of Karlsruhe is close to the conference venue. We provide a list of places to eat that we can recommend. Of course, there are many other places, especially on Kaiserstrasse. which may be just as good. The list includes the address and approximate distance from building 20.30. To make your visit easier, we suggest checking the opening hours beforehand.

Pub Food

- Kippe 23 (1,1km, 13min)
  Gottesauer Str. 23
- Oxford Pub (450m, 5min)
  Fasanenstr. 6
- Schiller Kaffeebar (450m, 6min)
  Kronenstr. 30
- Zwiebel (1.1km, 13min)
  Durlacher Allee 24

Bistro

- Café Palaver (750 m, 9min)
  Steinstr. 23
- Cilantro Bistro Del Arte (Chilean, small) (750m, 9min)
  Markgrafenstr. 31

Turkish

- Kani (240m, 3min)
  Kaiserstr. 16
- Kaisergrill Imbiss (240m, 3min)
  Kaiserstr. 32

Spanish

- Toro Tapasbar (1.3km, 18min)
  Akademiestr. 57

German (restaurant/pub)

- Schwarzer Kater (450m, 6min)
  Kreuzstr. 10
- Mauritius (500m, 5min)
  Schlossplatz 19
- Pfannestiel (450m, 5min)
  Am Künstlerhaus 53
- Vogelbräu (600m, 8min)
  Kapellenstr. 46
- Alte Bank (1km, 11min)
  Herrenstr. 30
- Wilma Wunder (650m, 9min)
  Karl-Friedrich-Str. 9

Italian

- Il Caminetto (230m, 3min)
  Kronenstr. 5

Moroccan/Lebanese

- Habibi (Snack-Bar) (250m, 3min)
  Kaiserstr. 59
- Marrakesch (Snack-Bar) (250m, 3min)
  Fritz-Erler-Str. 1
- Ali Baba (800m, 11min)
  Kreuzstr. 25

Asian

- Kim Fat Pho (550m, 7min)
  Zirkel 27A
- Chiang Mai (Thai) (1.1km, 13min)
  Durlacher Allee 11
- Continent (Indian) (400m, 5min)
  Kaiserstr. 109
- Thai Orchid (400m, 6min)
  Kaiserstr. 117

Detailed Schedule

Detailed schedule of summer school on »Stability of Nonlinear Waves«

31 August to 4 September 2026, Karlsruhe, Germany

Final information can be found here: https://www.waves.kit.edu/summerschool2026.php

Schedule of Summer School »Stability of Nonlinear Waves«, August 31st to September 4th, 2026

	Monday	Tuesday	Wednesday	Thursday	Friday
08 – 09	–	–	–	–	–
09 – 10		Lecture by Kapitula 09:00-10:30 SR 1.067	Lecture by Haragus 09:00-10:30 SR 1.067	Lecture by Kapitula 09:00-10:30 SR 1.067	Presentation of projects 09:30-10:30 SR 1.067
10 – 11		Break MR 1.058	Break MR 1.058	Break MR 1.058	Break MR 1.058
11 – 12		Lecture by Haragus 11:00-12:30 SR 1.067	Lecture by Kapitula 11:00-12:30 SR 1.067	Lecture by Haragus 11:00-12:30 SR 1.067	Presentation of projects 11:00-13:00 SR 1.067
12 – 13		Lunch break 12:30-14:00	Lunch break 12:30-14:00	Lunch break 12:30-14:00	Closing 13:00-13:30 SR 1.067
13 – 14	Registration & some coffee 13:00-14:00 MR 1.058				
14 – 15	Lecture by Haragus 14:00-15:30 SR 1.067	Work on projects 14:00-15:30 SR 1.067	Work on projects 14:00-15:30 SRs	Work on projects 14:00-15:30 SRs	–
15 – 16	Break MR 1.058	Break MR 1.058	Extended Break MR 1.058	Break MR 1.058	
16 – 17	Lecture by Kapitula 16:00-17:30 SR 1.067	Work on projects 16:00-17:30 SRs	Work on projects 16:30-17:30 SRs	Work on projects 16:00-17:30 SRs	
17 – 18				–	
18 – 21	–	–	–	Dinner 18:30-21:00 extern	

MR 1.058: meeting room 1.058 in building 20.30 (first floor)

SR 1.067: seminar room1.067 in building 20.30 (first floor)

SRs: seminar rooms 3.060, 3.061, 3.068, 3.069 in building 20.30 (third floor)

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Karlsruhe Institute of Technology

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