



Friedrich-Alexander-Universität  
Erlangen-Nürnberg

# **Hyperbolic Problems in Nürnberg**

## **Workshop**

**Nürnberg, September 24-26, 2025**



# Contents

<b>Practical Information</b>	<b>1</b>
Basic Information . . . . .	1
Sightseeing . . . . .	1
Recommended Restaurants . . . . .	2
Recommended Bars . . . . .	3
<b>Program</b>	<b>5</b>
Day 1: 24.09.2025 . . . . .	5
Day 2: 25.09.2025 . . . . .	6
Day 3: 26.09.2025 . . . . .	6



# Practical Information

## Basic Information

- The workshop activities take place at the **WiSo campus of Uni Erlangen-Nürnberg** at Lange Gasse 20. With Google Maps, please navigate to “**Schleifstein, Lange Gasse 20, 90403 Nürnberg**”. There will be signs directing you to the registration room on level 0. The lectures take place in room **H6** on level 1, the poster session and coffee breaks in room **0.424** on level 0, and the registration in room **0.423** on level 0. We will make sure to direct you to the rooms with signs.
- As per the programme below, **registration** takes place on Wednesday from 9:30 till 10. If you need a certificate of attendance, kindly let us know (we do not issue them by default). Of course you can register later, during the coffee breaks, upon late arrival.
- On Thursday September 25 at 7:30 p.m., we will have our **social dinner** at Tucher am Opernhaus (<https://wirtshaus-oper.de/>). We gladly invite you for the meal, however drinks go at everyone’s own expense. You have indicated during online registration whether you plan to attend. If you change your mind, please let us know.
- **Getting around:** The conference venue is located within the historical city centre (Altstadt), which in its totality is easily walkable. From **Nürnberg Airport**, metro line U2 gets you into town within 10 minutes. From the central train station (**Nürnberg Hauptbahnhof**), you can either walk into the centre or take any metro line to your destination. The conference venue is within walking distance from metro stops Rathenauplatz or Lorenzkirche.
- **Lunch options:** As, unfortunately, the university cafeteria is closed during the workshop, we recommend one of the many lunch options on **Innere Laufer Gasse** in six minutes walking distance. See below for more specific restaurant recommendations.

## Sightseeing

There’s lots to do and see in Nürnberg. The most obvious attractions are the **Imperial Castle** (Kaiserburg) including its pretty gardens (Burggarten) and the **Central Market Square** (Hauptmarkt) with the Beautiful Fountain (Schöner Brunnen). Make sure to take a stroll through the Altstadt (historical old town as delimited by the city walls) along the Pegnitz river.

Leaving the Altstadt to the west, the river leads you to lush meadows (Pegnitz-auen) and to the beautiful neighbourhood **St. Johannis** with its baroque gardens (Hesperidengärten) and its historical cemetery, including the grave of Nürnberg's famous artist Albrecht Dürer.

Back to Altstadt, the most notable churches are St. Lorenz and St. Sebald, both of which contain important artwork from Nürnberg's blossom. If you want to learn more about Albrecht Dürer, the **Dürerhaus** is located right underneath the Castle amidst a lively square where people like to gather for drinks.

With more than 1.4 million exhibits, the **Germanic National Museum** is the largest museum for cultural and arts history in the German speaking world. If you want to avoid the **red light district**, it is not far from the museum along Frauentormauer.

While Nürnberg prides itself for its blossom during the Renaissance era, it also played an inglorious role during the Nazi period. This part of the city's history can be discovered at **Documentation Centre Nazi Party Rally Grounds** (Dokumentationszentrum Reichsparteitagsgelände). It is located a bit outside the city, but can easily be reached with tram lines 6, 8, or 10.

After the war, the Nürnberg Trials against leading Nazi figures were an important milestone in international criminal law. You can view the original venue of the trials, along with a detailed exhibition, at **Memorium Nürnberger Prozesse** in the palace of justice (metro station Bärenschanze).

## Recommended Restaurants

Nürnberg is the largest city in the region of Franconia (essentially the northern part of Bavaria) with its own culture and cuisine which is **distinct from southern Bavaria**. Local specialties are the Nürnberg sausages (Bratwürste), pork shoulder (Schäuferla), and carp (Karpfen) from the nearby Aischgrund area. But of course you can find all kinds of international restaurants too.

We recommend to make reservations, and we can help you with that if necessary.

- Böhms Herrenkeller (Franconian)
- Bratwust Röslein (Franconian, specialising in Bratwurst)
- Estragon (ambitious cuisine with mediterranean influences, fairly priced)
- Altstadt Pizzeria (Italian pizza)
- Prison St. Michel (non-fancy French cuisine, run by non-French owners yet decent)
- Monki (Japanese Ramen/Izakaya)
- Ginza 994 (Japanese Izakaya/Sushi)
- Beckschlager (Burgers)
- Namaste (Indian)

Amongst the budget options, the many Döner Kebap places are highly commendable. You will find them at every corner.

Regarding fancy dining, there are several Michelin-star restaurants. We will happily provide recommendations upon request.

## Recommended Bars

In terms of drinks, Nürnberg is all about beer. If you have time, don't settle for the mass-produced Tucher, but try some smaller local breweries at Kater Murr or Bierwerk.

If you're more of a wine person, taste some Silvaner or Riesling from the Main region in Upper Franconia!

The best place for a pub crawl is the area around Weinmarkt and Weißgerbergasse with lots of bars, some of which are open till the morning.

- Vintage Bar (best cocktails in town, rather expensive)
- Kloster (very popular with the locals, open till quite late)
- Mata Hari (small bar open till late)
- Saigon (leftist place, becomes crowded starting around midnight, closed on Thursdays)
- Irish Castle (Irish pub, closed on Tuesdays)
- Savoy (queer bar but hetero-friendly, closed on Tuesdays and Wednesdays)
- Ricky's Bierstube (quite messed up but cheapest beer in town, 2.70 Euros for the half litre)
- Kater Murr (good selection of Franconian tap beers)
- Bierwerk am Unschlittplatz (large selection of home-brewed beers)
- Weinhaus Steichele (traditional wine bar, also serving food)
- 075 Weinbar (modern style wine bar, closed on Tuesdays).





# Program

## Day 1: 24.09.2025

9:30–10:00	Registration and opening	
10:00–10:15	Opening address	
10:15–11:00	<b>Alexis Vasseur</b> University of Texas at Austin	Non-uniqueness for continuous solutions to 1D hyperbolic systems
11:00–11:30	Coffee	
11:30–12:15	<b>Giuseppe Maria Coclite</b> Politecnico di Bari	Long-time behaviour of damped adhesive strings
12:20–13:05	<b>Carlotta Donadello</b> Université de Franche-Comté	Modeling with conservation laws, interfaces and unilateral constraints on the flux
13:05–15:00	Lunch	
15:00–15:45	<b>Gianluca Crippa</b> Universität Basel	Weak, renormalized, and vanishing-viscosity solutions of the two-dimensional Euler equations
15:50–16:35	<b>Christian Seis</b> Universität Münster	Exponential mixing by random cellular flows
16:35–17:05	Coffee	

## Day 2: 25.09.2025

9:30–10:15	<b>Yann Brenier</b> CNRS, ENS-PSL	Solving initial value problems by space-time convex optimization
10:15–10:45	<b>Coffee</b>	
10:45–11:30	<b>Shyam Ghoshal</b> Tata Institute	A convergence rate result for front tracking approximations of conservation laws with discontinuous flux
11:35–12:20	<b>Laura Spinolo</b> CNR-IMATI	On some recent results on nonlocal conservation laws
12:20–15:00	<b>Lunch</b>	
15:00–15:45	<b>Maria Teresa Chiri</b> Queen's University	The duality between scalar conservation laws and measure differential equations
15:50–16:35	<b>Simone Göttlich</b> Universität Mannheim	Traffic models with nonlocal flux
16:35–18:35	<b>Poster session &amp; beer</b>	
19:30	<b>Social dinner</b>	

## Day 3: 26.09.2025

9:30–10:15	<b>Anna Mazzucato</b> Penn State	On the Euler equations with inflow and outflow
10:15–10:45	<b>Coffee</b>	
10:45–11:30	<b>Sam Krupa</b> ENS-PSL	Are solutions to the equations of continuum physics unique?
11:35–12:20	<b>Enrique Zuazua</b> FAU & UAM & DeustoTech	Inverse design for parabolic and hyperbolic problems
12:30	<b>finis</b>	