Location & Venue

Venue

The Summer School is hosted by the University of Applied Sciences Kempten. UAS Kempten is well-known for its practice-oriented, international, high-quality academic training in a modern environment and with state-of-the-art equipment.

Location

Kempten is a beautiful old city in Bavaria's top tourist region, the Allgäu. At the heart of Europe and with a view of Alps you will be trained where others spend their holidays.

Date & Registration

Date
July 30 – August 07, 2020

Fees and Registration

Special early bird fee of 555,00 € until 29 February 2020.
Regular fee of 695,00 € after 29 February 2020.

The participation fee covers
- access to all lectures and lab works
- documents & certificate
- all social events (transfers & entry fees)
- free wifi on campus

Participants need to make their own travel arrangements. Hotel accommodation can be booked for € 40,00/night in a twin room. Arrival on Wednesday, 29 July 2020. Participants may have lunch at nearby shopping centre „FORUM ALLGÄU" where they offer a variety of inexpensive meals.

Registration

www.kemptensummerschool.de
Registration closes on 30 April, 2020.

Getting to Kempten

Air: Allgäu Airport (FMM) Memmingen, Munich (MUC), Stuttgart (STR) and Friedrichshafen (FDH)
Train: There are train connections from all airports (www.bahn.de)
Bus: There are several bus companies offering services to Kempten (e.g. FlixBus)
Car: Autobahn A7

International Summer School on Data Science for Everyone 2020
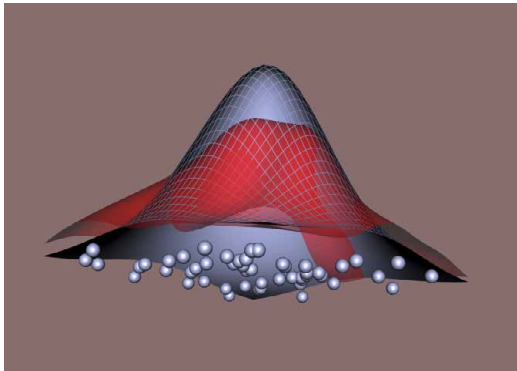
Kempten, Germany
July 30 – August 07, 2020

About the Summer School

Managing and visualization data across all disciplines, the demand to **manage and visualize data** keeps growing. The International Summer School on Data Science for Every-one addresses this need: Through an **introduction to data analysis** combined with **hands-on exercises** and **real-life case studies**, you gain both a thorough understanding of the theoretical principles as well as how to apply them.

The Summer School is aimed at **undergraduate students of any faculty**, including e.g. Informatics, Engineering, Economics, Social Sciences or Tourism. **No previous knowledge of data science is required!**

All lecturers teaching for the Summer School have **practical experience**. They know the theory and how to apply it to real-life challenges.

Your Program

Thursday, July 30:
09:00 - 16:15 **Introduction to Data Science**
Evening: Bavarian "Get together"

Friday, July 31:
09:00 - 12:15 **Tools for working with data (1)**
13:30 - 16:45 **Useful tools for your final thesis**
Evening: City Rallye "Exploring Kempten"

Saturday, August 01:
Trip to **Munich**, the charming capital of Bavaria. Visit the futuristic BMW World which showcases BMW's history and most innovative products. Explore the city with its amazing architecture, shopping opportunities and **Viktualienmarkt**, the culinary heart of Munich or the nearby **Hofbräuhaus**. Taste excellent beer brewed under Bavarian Purity Law – a toast to a 500 year success story.

Sunday, August 02:
Visit to **Neuschwanstein**, the castle of the fairy-tale king Ludwig II and one of the most popular of all the palaces and castles in Europe. Afterwards take the mountain cable car to the top of the 1800 metres high **Tegelberg** and enjoy a stunning view of the Alps and nearby Forggensee.

Monday, August 03:
09:00 - 12:15 **Visualizing Data (1)**
13:30 - 16:45 **Tools for working with data (2)**

Tuesday, August 04:
09:00 - 12:15 **Visualizing data (2)**
13:30 - 15:00 **Introduction to Deep Learning**
15:15 - 16:45 **Practical Training on „R"**

Wednesday, August 05:
09:00 - 12:15 **Intercultural Training**
13:15 - 16:00 **Company visit to Robert BOSCH GmbH:**
          Digitalization Best Practices;
16:30 -18:00 **Visit to the Allgäu Destillery**
Evening: You may enjoy Kempten nightlife with our
          students (from 09:30 pm)

Thursday, August 06:
09:00 - 12:15 **Data Science Case Study**
13:30 - 15:00 **Practical Training on „R"**
15:30 - 17:00 **Visit to the Digital Lab Kempten**

Friday, August 07:
09:00 - 12:15 **Your own project**
After lunch: **Closing session** (until 3 pm)

Your Benefits

Is this you?

- You need to **handle data for your thesis**?
- You are curious about **advanced tools**?
- You would like to **visualize data** beyond what Excel can do?
- You want **real-life examples**?
- You want to **learn more about Germany** with fellow students **in an international setting**?

Then you should register for the summer school in order to:

- receive a **hands-on introduction to data science**
- get familiarized with **many useful tools**, e.g. R
- learn about the **latest trends, e.g. "deep learning"**
- **visit leading technology companies** and work on **practical case studies**
- take part in an **intercultural training**
- participate in an **attractive social program**

Oh, and you will also receive **4 Credit Points** and a **participation certificate**.

Note
Directly after the Summer School you have the opportunity to experience a **real traditional Bavarian beer festival in Kempten**. The „Allgäuer Festwoche" starts on Saturday, August 08, 2020. So you might want to stay a little bit longer.