

Arrival by train

After your arrival at Karlsruhe main station, please take the main exit. In the direction of the city center or the university, all tram leaves at the left. If you want to go to the university, take line 2 direction Wolfartsweier, S4 (different direction), S7 or S8 both direction Tullastraße. Get off at the stop Durlacher Tor/KIT-Campus Süd.

Hotel

AAAA Hotelwelt

Buchungstichwort: KIT JUNI 2023
 Bismarckstraße 39-43
 76133 Karlsruhe
 ☎ 0721/1440
 ✉ info@aaaa-hotelwelt.de

Hotel Erbprinzenhof

Buchungstichwort: KIT-MVM
 Erbprinzenstraße 26
 76133 Karlsruhe
 ☎ 0721/23890
 ✉ info@hotel-erbprinzenhof.de

The availability of the **reservations ends on 25 May 2023.**

Contact

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1st Summer School Autonomous Processes in Particle Technology

28 – 30th of June



Venue

Karlsruhe Institute of Technology
 Institute of Mechanical Process Engineering
 Building 30.70
 Seminar Room 206

Dear participants of the SPP2364,

I am happy to invite all PhD students to our first summer school at the KIT. The focus of the school will be on research data management (RDM). In addition to the theoretical background, we will use our own data to learn how to use the Kadi4mat software package. In addition to uniform data storage, such a system can overcome inter-institutional hurdles, generate specific models, compare theoretical and experimental data and offer reproducible workflows for data analysis. Besides we will start to create a glossary to define our specific technical terms from the control and the particle community.

I am looking forward to welcome you all in Karlsruhe for our exciting summer school.

Prof. Hermann Nirschl

Topic overview and provisional program

Wednesday, 28 June 2023

12.00	Welcome and small lunch
13.00-14.00	Research Data Management RDM – Part 1
14.00-14.15	Coffee Break
14.15-15.00	Research Data Management RDM – Part 2
15.00-15.30	Coffee break
15.30-16.30	Kadi4Mat (Web surface) hands on workshop
16.30-17.00	Coffee break
17.00-18.00	Workflows with kadistudio hands on workshop (Introduction for, bring your own research topic)
19.00	Common dinner

Topic overview and provisional program

Thursday, 29 June 2023

9.00-10.00	Teaser of Machine learning
10.00-10.30	Coffee Break
10.30-11.30	Programming with kadi-apy (application programming interface) -hands on workshop
11.30-13.00	Lunch
13.00-15.00	Bring your own research topic - hands on workshop
15.00-15.30	Coffee break
15.30-17.00	Presentation of highlights from the workshop
19.00	Common dinner
	Friday, 30 June 2023
9.00-10.00	Introduction to our Glossar
10.00-10.30	Coffee Break
10.30-11.30	Workshop on Glossar refinement
11.30-12.30	Presentation of the results
12.30	Small lunch
13.00	End of the summer school