







Outline

- Introduction of the host organisation and the faculty
- Introduction of the organising committee and RL4AA
- Goals and expectations
- Logistics and housekeeping
- Social events
- Who to ask f you need any help







Warm Welcome from the PLUS and IDA LAB

Dean of DAS Faculty: Prof. Arne Bathke

Director of the IDA Lab: Prof. Wolfgang Trutschnig







Setting the context of this workshop

The RL4AA international collaboration was created to consolidate the existing knowledge, exchange experience and ideas, and work together towards accelerator-specific solutions using the latest advances in RL.



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One year ago...









How to reach out to us:

News and information: https://rl4aa.github.io//



Or contact us directly via email







Goals and Expectations of this workshop

- Connect RL researchers and enthusiasts in the particle accelerators community and other domains to share our experience.
- Teach and exchange fundamental RL concepts and show practical accelerator applications.
- Discuss the current challenges of developing RL algorithms for particle accelerators.
- Bring the field forwards in a collaborative way.







Logistics and Housekeeping

- Time table: https://rl4aa.github.io/RL4AA24/program/
- The workshop is recorded and streamed via teams
- Presentations:
 - We offer Powerpoint and Keynote, if you use your own laptop please contact a loc
 - Please upload your slides to indico: https://indico.scc.kit.edu/event/3746/
 contributions/mine
- Group photo at 15:00 today please wait in front of the hall.
- Posters: Bring your poster on Tuesday morning, there are stands in the hall outside this room.
- Tutorial tomorrow: You need 1 GB free and python >= 3.9
- Meals are taken in the Mensa, which is 3 minutes away







Social events

- Today (Monday):
 - Dinner 19:00 at https://www.sternbrau.at
- Tomorrow (Tuesday):
 - Salzburg tour: We start at 18:30 at the Mozartstatue
 - Dinner 19:45 https://krimpelstaetter.at/









Encouragement for Interaction

- Take advantage of this unique networking opportunity
- We have some of the world's leading experts and really experienced people here - concentrated RL superpower!
- There are many presentations on diverse topics in RL and optimization
- There is a crash course today where you are invited to join the discussion
- We have a fresh tutorial on concepts at the boundary of RL to get you discussing







If you need any help

- Don't hesitate to ask us
- Or any of the locals







Many thanks to all those who were involved in organising this event





Thanks

Now let's have fun





