



CONFERENCE  
**KARLSRUHE 2025**

# 5<sup>th</sup> Conference for Research Software Engineering in Germany

25th February 2025, René Caspart – General Chair

# Thank you to our sponsors



# Thank you to all co-organizers!

## The co-organizers

- Florian Goth (PC Chair, sponsoring)
- René Caspart (General Chair)
- Yudong Sun (infrastructure, art & design)
- Claire Wyatt (outreach and PR)
- Inga Ulusoy (sponsoring)
- Michele Mesiti (volunteers)
- Martin Armbruster
- Stephan Janosch
- Isabell Windbiel (local support)
- Laura Servranckx (local support)

## The Program Committee

- Florian Goth (PC Chair)
- Jan Bernoth
- René Caspart
- Bernadette Fritzsich
- Anna-Lena Lamprecht (also SE25 PC Chair)
- Jan Linxweiler
- Frank Löffler
- Michele Martone
- Michael Meinel
- Jörg Schaarschmidt
- Katrin Schöning-Stierand

# Thank you to

## Everyone of **you!**

- Two all time highs at a deRSE conference this year
  - Over 260 registered participants (over 500 for deRSE25 and SE25 combined)
  - Over 170 submitted contributions

### deRSE25 and SE25 Timetables 25 Feb - 1 Mar

Created by Tobias Huste (t.huste@hzdr.de) from event on Mar 5, 2024

#### Abstracts

##### List of abstracts

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ID	Title	State	Accepted track	Submitted for tracks	Review
<input type="checkbox"/> 4	<a href="#">Open research softwa...</a>	Accepted	research data manag...	AI and ML in a resear... computational reprod... computational workflo... digital literacy in rese... research data manag...	AI and ML in a resear... computational reprod... computational workflo... digital literacy in rese... research data manag...

### Fachtagung Software Engineering (SE) der Gesellschaft für Informatik (GI) und deRSE

[Mehr Informationen](#)

24. Februar 2025 - 28. Februar 2025

#### Willkommen

#### REGISTRIERUNG

517

Bisherige Teilnehmende

[Alle anzeigen](#)

# KIT's Journey

1825

**Universität  
Karlsruhe**

2006

**Success in the first  
round of the  
Excellence Initiative**

2012

**KIT Further Development Act  
(KIT-WG)**



2025

**200 years of KIT**

<https://www.200jahre.kit.edu/>

1825 - 2008

2009 - 2011

2012 - 2020

2021 →

1956

**Forschungs-  
zentrum  
Karlsruhe GmbH**

2009

**Foundation of  
Karlsruhe Institute of  
Technology**

2021

**KIT 2.0**

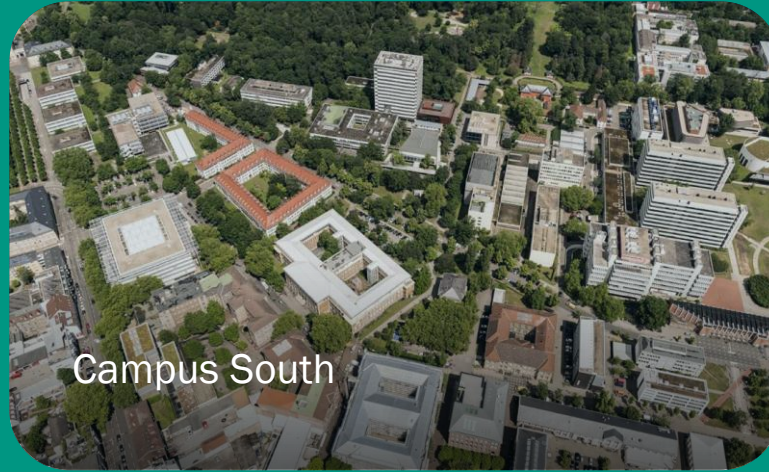
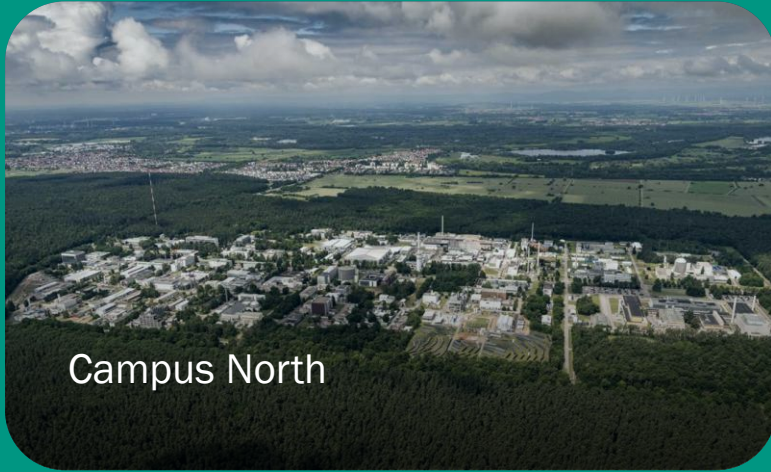
End of the separation  
into University Sector and  
Large-scale Research Sector

2019

**Success in the  
Excellence Strategy**



# One KIT – Multiple Locations





# deRSE25 General Logistics

- All sessions will be held in the Audimax and surrounding buildings
- Catering area in the Audimax Foyer (coffee and lunch breaks)
- Wifi
  - Eduroam is available on the whole campus
  - Alternative: use the ka-wlan

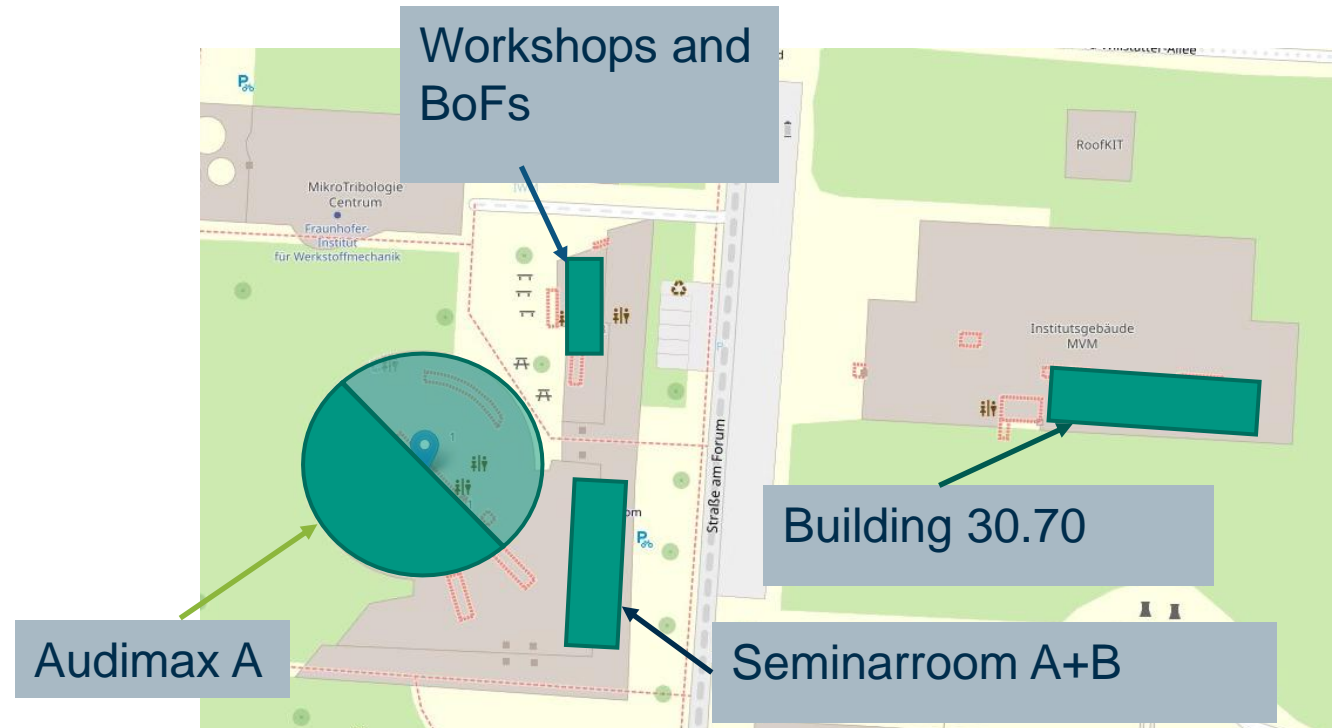
- Session pads:



- Matrix channel for the conference: deRSE-deRSE25

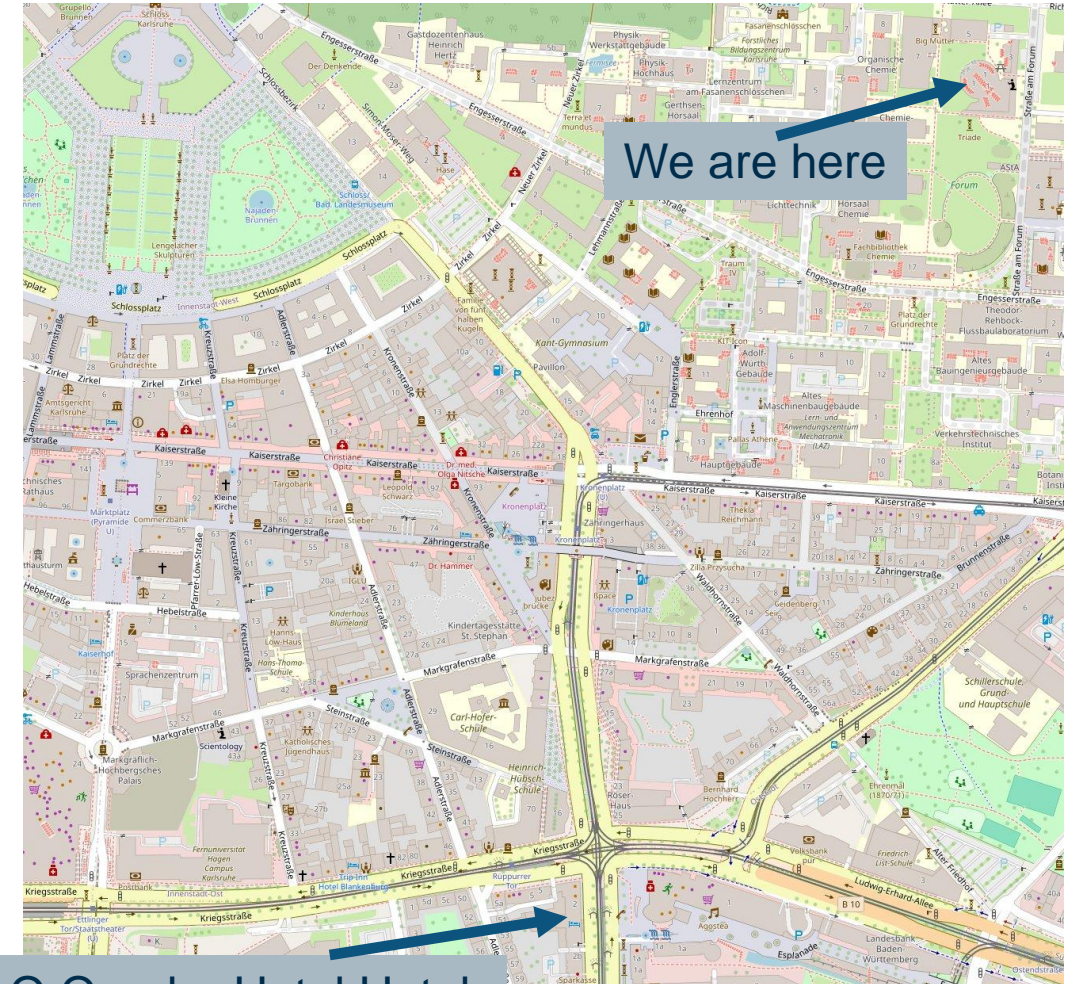


- Code of Conduct: be excellent to each other!



# deRSE25 Conference Dinner

- At The Q Quadro Hotel (formerly ACHAT Plaza)
- Meeting point/start:  
Today, Tuesday, 19:00 at the Hotel
- Please note:
  - The dinner is fully booked
  - Participation in the dinner **only if you registered** for it
  - If you are unsure, reach out to us
  - If you did not (or could not) register and are interested to join there might be the option for a few last minute places  
→ reach out to me later today (in person or by mail)





# deRSE25 Poster Session and Reception

- Tomorrow, Wednesday evening here in the Audimax Foyer
- Joint reception with the SE25 conference 18:00 – 22:00
  - Posters
  - Demos
  - Interesting exchange
  - YoungRSE Award
  - Food
  - Drink
  - ...
- Poster and demo session starts at 18:00



## YoungRSE

Research Software Engineering

### AWARD

MAX MUSTERPERSON

in Karlsruhe  
25 Feb - 27 Feb 2025

In recognition of an outstanding contribution as  
an early career RSE at the conference.

"Name of the contribution"

Conference Chair  
René Caspart

**deRSE e.V.**  
**Jan Linxweiler –**  
**Chair of the de-RSE e.V.**



GESELLSCHAFT FÜR  
FORSCHUNGSSOFTWARE

UPDATES



The background of the image is a dynamic and artistic composition of pink and purple paint splatters. These splatters are of various sizes and densities, creating a textured, energetic feel. They are concentrated in the center and spread outwards, with some darker purple spots and lighter pink areas. The overall effect is vibrant and celebratory.

**Thank You!**

# Working Groups

- Infrastructure
- International Council
- NFDI
- de-RSE25
- Position Paper “Establishing central RSE units”

([https://github.com/DE-RSE/2023\\_paper-RSE-groups](https://github.com/DE-RSE/2023_paper-RSE-groups), Thursday 9:20 AM)

[https://de-rse.org/de/working\\_groups.html](https://de-rse.org/de/working_groups.html)

# Working Groups (with RSE section of GI)

- Teaching RSE - Position Paper  
(with GI, <https://f1000research.com/articles/13-1429/v1>, Tuesday 11 AM)
- RSE Software Development Guideline  
(with GI, [https://doi.org/10.18420/2025-gi\\_de-rse](https://doi.org/10.18420/2025-gi_de-rse), Thursday 11 AM)
- Research Software Categories  
(with GI, <https://doi.org/10.48550/arxiv.2404.14364>, Thursday 11 AM)
- AI4RSE (with GI)

[https://de-rse.org/de/working\\_groups.html](https://de-rse.org/de/working_groups.html)



# Promoting Sustainability of Research Software

- DFG signed the „Amsterdam Declaration on Funding Research Software Sustainability“

<https://www.dfg.de/en/news/news-topics/announcements-proposals/2024/ifr-24-114>

- DFG - “Research Software Infrastructures” funding program

<https://www.dfg.de/en/research-funding/funding-opportunities/programmes/infrastructure/lis/funding-opportunities/research-software-infrastructures>

- DFG - Handling of Research Software in the DFG’s Funding Activities

<https://doi.org/10.5281/zenodo.13919789>

# Project Partner

- FutuRSI (with GI, FZJ, HZDR, SUB Göttingen, zedif Jena)  
Florian Mannseicher will join the de-RSE association

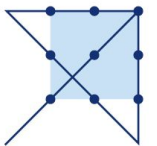
Also partnering in the following Projects:

- RSE Master (with GI)
- RSE Award (with GI)

[https://de-rse.org/blog/2025/01/20/kts\\_foerderung.html](https://de-rse.org/blog/2025/01/20/kts_foerderung.html)

funded by

**Klaus Tschira  
Stiftung**



# Give us Your Voice

1. Personal Membership
2. Institutional Membership



<https://de-rse.org/en/association.html>



# Proceedings of deRSE24



**AVAILABLE NOW**

<https://doi.org/10.14279/eceasst.v83>



# deRSE25 Program

Full program is available on the Indico

Two keynotes

- Today: **Bálint Aradi** (U Bremen)  
„Research Software and Its Developers: Insights Gained and Future Directions”
- Tomorrow: **Michael Felderer** (DLR, U Bonn)  
“Innovating at the Intersection: Software Engineering for Science and Industry” – joint with SE25
- **Groupphoto** on Wednesday after the keynote – joint with SE25
  - In the Audimax Foyer

