

# ErUM-Data-Hub

The Central Networking and Transfer Office for Digital  
Transformation in Research on Universe and Matter

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Transfer Workshop








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Lardinois, Judith Steinfeld, Angela Warkentin (Presenting)



# We are Digital Knowledge Agent for ErUM-Data

## The Central Networking and Transfer Office for Digital Transformation in Research on Universe and Matter

- Advancing digital transformation in basic research
- Enabling networking between ErUM communities
- Identifying and exploiting synergies in ErUM-Data
- Communicating research results to specific target groups
- Transferring knowledge and innovation

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# German Research on Universe and Matter



Bundesministerium  
für Bildung  
und Forschung

**Astroparticle Physics**

**Elementary Particles Physics**

**Research with neutrons**

**Research with nuclear probes and ion beams**

**Research with synchrotron radiation**

**German Observatory Council**

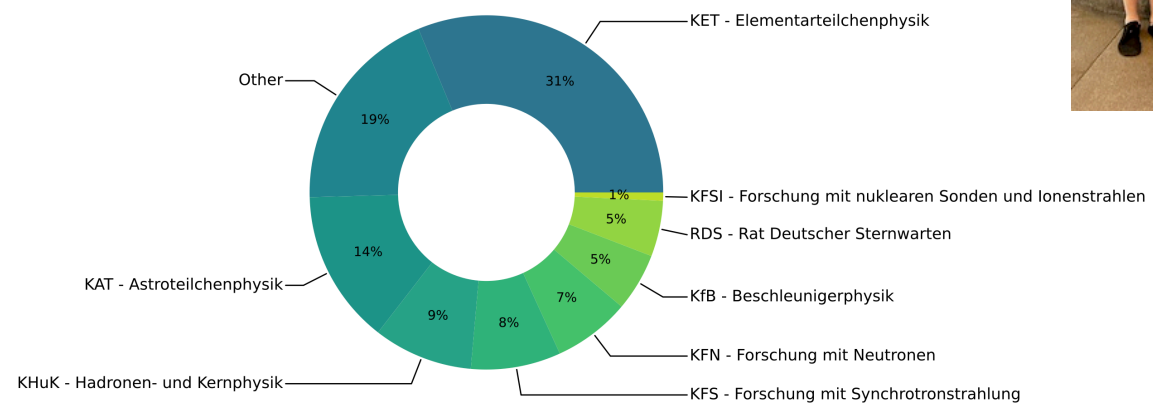
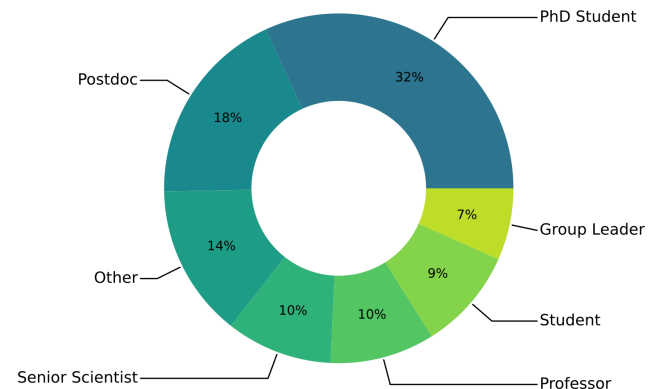
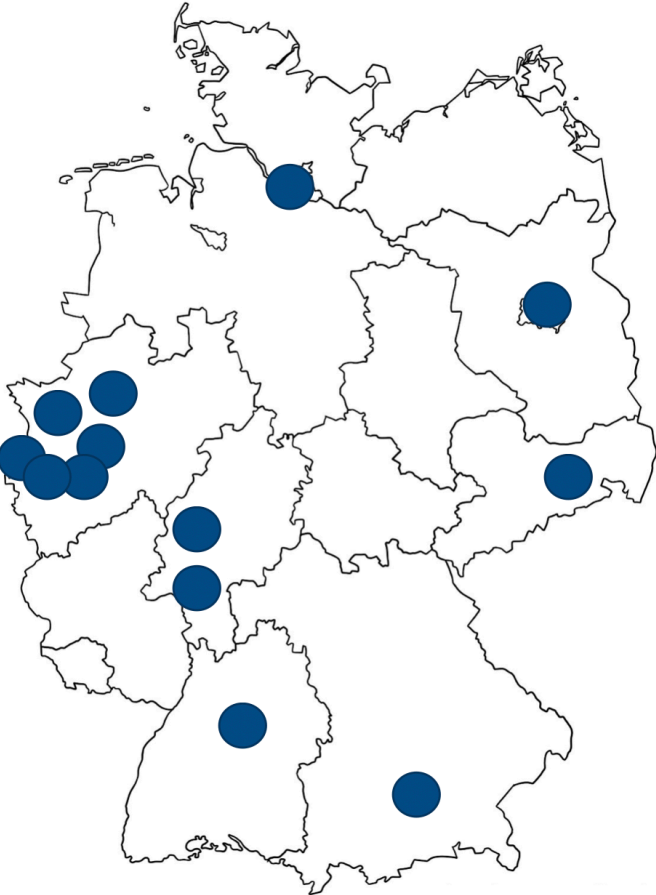
**Accelerator Physics**

**Hadron and nuclear physics**

**Related sciences and industry**



# Disseminating digital competencies to a broad ErUM audience: 972 ErUM-Scientists reached in person since 2022





# DIG-UM: a strong self-organization

- Big Data Analytics
- Federated Infrastructures
- Knowledge Distribution
- Research Data Management
- User Interface



**All info, mailinglists, events & contacts:** <https://wiki.erumdatahub.de/bin/view/DIG-UM/>

# Links

- **ErUM-Data-Hub:** <https://erumdatahub.de/>
  - About ErUM-Data
  - About DIG-UM
  - Podcast, Blog, Social Media
  - Event Support & Consortia Building
- **Wiki:** <https://wiki.erumdatahub.de/bin/view/Main/>
- **Events on Indico:** <https://indico.desy.de/category/984/>
- **Mailinglists:** <https://wiki.erumdatahub.de/de/mailling-lists>



## ERUM-DATA-HUB EVENT PROGRAMME 2025

6 FEB	TRANSFER WORKSHOP	
-	ERUM & INDUSTRY IN DIALOGUE	
7 FEB		AACHEN
5 MAY	DEEP LEARNING "BASIC CONCEPTS"	
-	SCHOOL	
9 MAY		AACHEN
24 JUN	PYOPP WORKSHOP	
-	PUBLISH YOUR OWN PYTHON PACKAGE	
27 JUN		AACHEN
28 JUL	SUSTAINABILITY & ETHICS IN ERUM-DATA	
-	EXPERT WORKSHOP	
1 AUG		AACHEN
1 SEP	DEEP LEARNING	
-	TRAIN-THE-TRAINER WORKSHOP	
5 SEP		POTSDAM
FURTHER EVENTS:		
CONCEPTUAL ADVANCES IN DEEP LEARNING WORKSHOP (HEIDELBERG)		

JOIN US FOR AN INSIDE LOOK  
AT OUR WORKSHOPS!



We look forward to  
seeing you (again)  
in 2025!

Registration & Contact:  
erumdatahub.de  
info@erumdatahub.de



MORE TO BE ANNOUNCED SOON!

STAY TUNED



GEFÖRDERT VOM  
Bundesministerium  
für Bildung  
und Forschung

ERUM  
DATA HUB

DIG-UM

# Backup