

German accelerator communities

HELMHOLTZ



The Matter and Technologies program (**MT**) conducts research into key technologies for accelerators, detectors and data science.

Accelerator research and development (**ARD**) pushes the boundaries of conventional accelerators and develops concepts for new accelerators and their applications.



Image source : 11th Annual Conference of the Programme „Matter and Technologies“, 2025.

<https://indico.desy.de/event/49189/>



The KfB acts as a point of contact for politicians, industry and the media when they wish to engage with the German accelerator physics community.

The KfB promotes networking within the scientific community, for example through workshops and regular meetings.



Image source: KfB workshop on collaborative research, ErUM-Pro, 2024.

https://indico.global/e/kfb_ws_teilchen2027



Arbeitskreis Beschleunigerphysik (AKBP)

The working group represents the interests of DPG members involved in accelerator physics within the DPG.



Image source: KfB. DPG Spring Conference in Göttingen with the Accelerator Physics Working Group (AKBP), 2025.

Courtesy Erik Bründermann, KfB & KIT

What KfB does ...

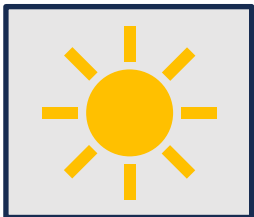
No ARD



With us
Particles



Photons



- **KfB roles** include contacts to politics, industry, and media
- **Recommendations on Accelerator R&D (ARD) topics**
- Links to KFS, KFN, KFSI, KET, yHEP, KHuK, KAT, DIG-UM/ErUM-Data-Hub, ...
- Promote **networking, early-career researchers** and **young talents**
 - **KfB Workshops**, e. g. ErUM-Pro (Teilchen, Materie, Transfer, Nachhaltigkeit) like recently for R&D Beschleuniger 2027-2030 in ErUM-Pro Teilchen
- **Research into accelerator technologies** is in accordance with the **HTAD**
- **If you feel Accelerator R&D & Technologies ...**
 - ... please register at the FORUM**
 - ... you also find there: news, events, documents, ...**

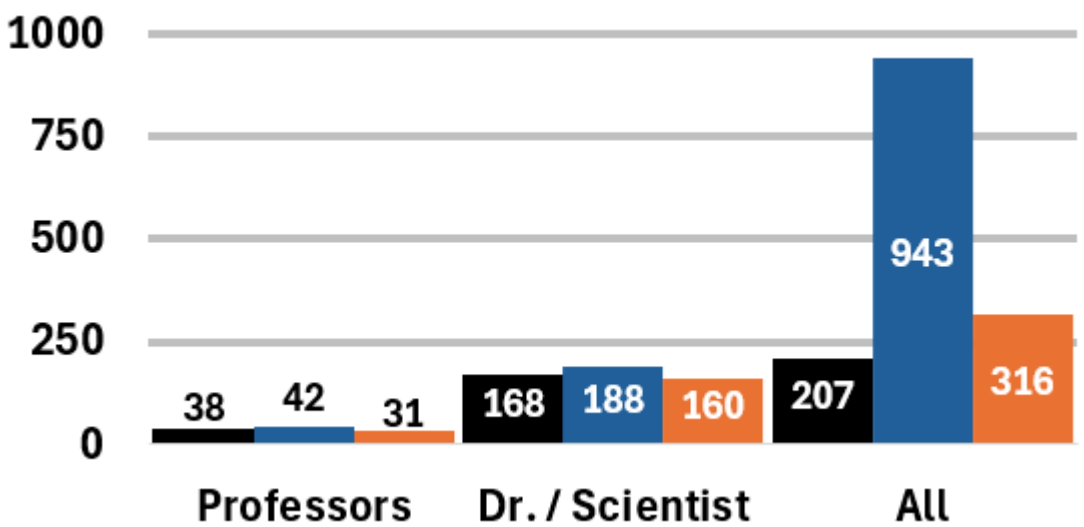
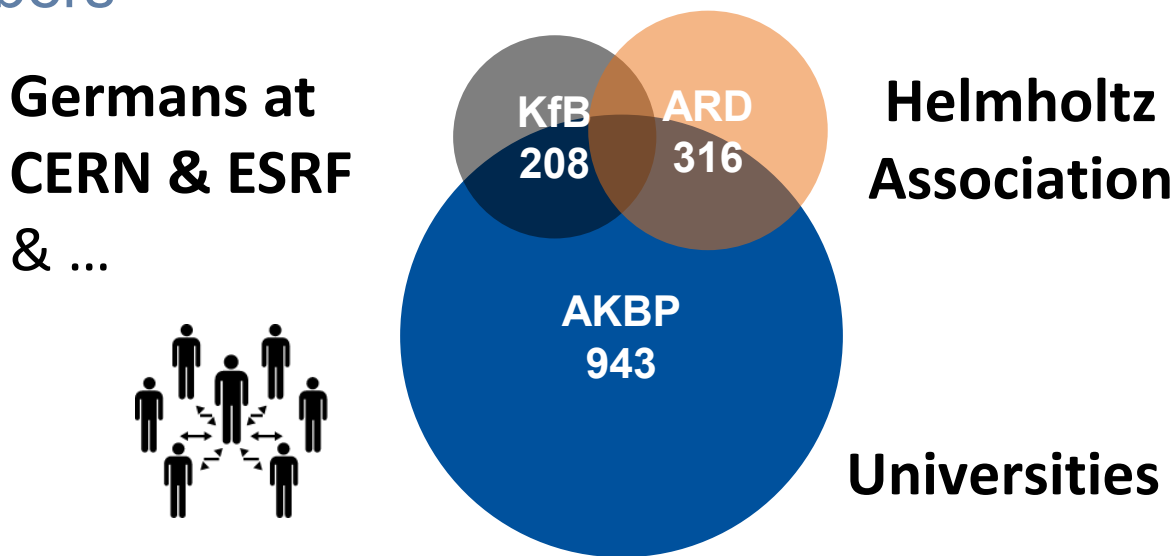
indico.global/e/kfbforum



Courtesy Erik Bründermann, KfB & KIT

German accelerator communities

... in numbers



KfB Forum members in 26 cities

from **Universities**, **Helmholtz**, **International**, **Laboratories**



Accelerator R&D

Courtesy Erik Bründermann, KfB & KIT

Venn diagram overlap is illustrative only; some individuals may belong to all three communities.
Data from DPG AKB (May 2025); MT-ARD (May 2026); KfB Forum (September 2026)

KfB Forum official website@indico.global (supported by CERN) provides news & information on members, events, activities, ...

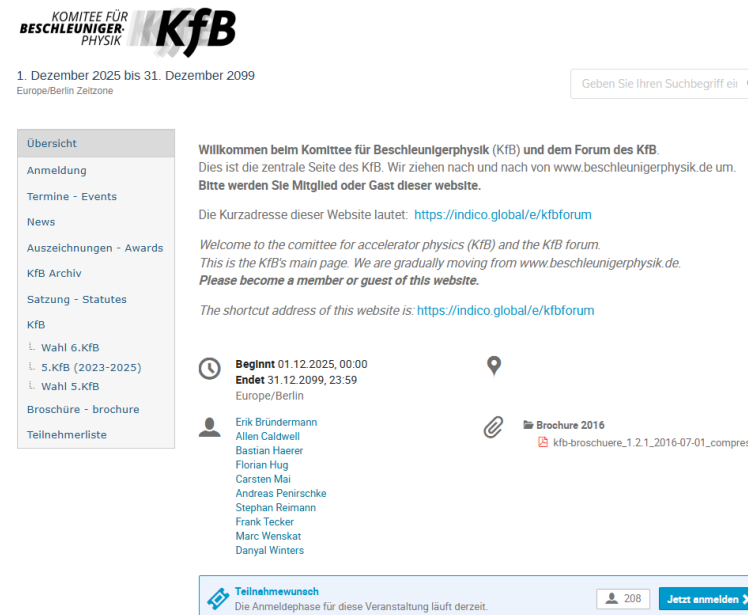
- 01/26: Elections to the 6th KfB for 2026-2028 period (3 years)

- **Register** at indico.global/e/kfbforum as forum member or guest* (* if not educated in acc. physics, but active in accelerator R&D)
Forum (Guests): 190 (18)

- **Update of KfB Statutes (Satzung) in preparation**
from B...physik to B...forschung

Strengthen ties with the SNI-Community => SNIB

- KfB for the first time at SNIB2026
- KfB Forum community contributed plenary & keynote talks, plenary session + posters to ARD & Technologies, 1 talk to Industry & Transfer session
indico.desy.de/event/51551/



KOMITEE FÜR
BESCHLEUNIGER-
PHYSIK **KfB**

1. Dezember 2025 bis 31. Dezember 2029
Europa/Berlin Zeitzone

Geben Sie Ihren Suchbegriff ein

Übersicht
Anmeldung
Termine - Events
News
Auszeichnungen - Awards
KfB Archiv
Satzung - Statutes
KfB
Wahl 6.KfB
Wahl 5.KfB (2023-2025)
Wahl 5.KfB
Broschüre - brochure
Teilnehmerliste

Willkommen beim Komitee für Beschleunigerphysik (KfB) und dem Forum des KfB.
Dies ist die zentrale Seite des KfB. Wir ziehen nach und nach von www.beschleunigerphysik.de um.
Bitte werden Sie Mitglied oder Gast dieser website.

Die Kurzadresse dieser Website lautet: <https://indico.global/e/kfbforum>

Welcome to the committee for accelerator physics (KfB) and the KfB forum.
This is the KfB's main page. We are gradually moving from www.beschleunigerphysik.de.
Please become a member or guest of this website.

The shortcut address of this website is: <https://indico.global/e/kfbforum>

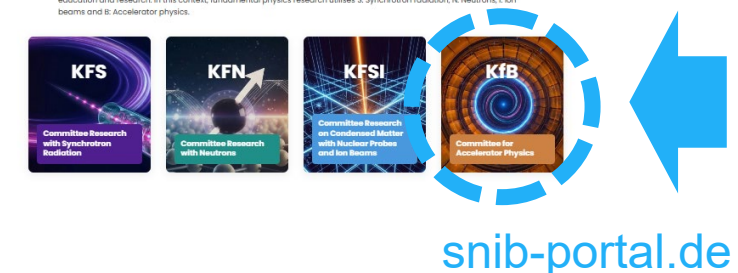
Beginnt 01.12.2025, 00:00
Endet 31.12.2029, 23:59
Europa/Berlin

Erik Bründermann
Allen Caldwell
Bastian Haerer
Florian Hug
Carsten Mai
Andreas Penirschke
Stephan Reimann
Frank Tecker
Marc Wenskat
Danyal Winters

Brochure 2016
kfb-broschuere_1.2.1_2016-07-01_compress...

Teilnahmewunsch
Die Anmeldephase für diese Veranstaltung läuft derzeit.

208 Jetzt anmelden



Courtesy Erik Bründermann, KfB & KIT

Spring meeting 2027 jointly with nuclear and medical physics in Darmstadt (8.3.-12.3.2027)

with Symposium Nuclear Beams for Health: From Accelerators to Therapy

DPG Young Scientist Award for Accelerator Physics 2027

- *nomination deadline 31.10.2026*
- *any accelerator related topic*
- *not a PhD prize, max. 5 years after PhD*
- ***MT scientists well represented***



C. Lindstroem
(DESY) 2022



S. Keckert
(HZB) 2023



M. Rehwald
(HZDR) 2026

For questions: Ulrich Schramm, Danyal Winters

Courtesy Ulrich Schramm, AKBP & HZDR