

LHC ErUM-FSP Office Update

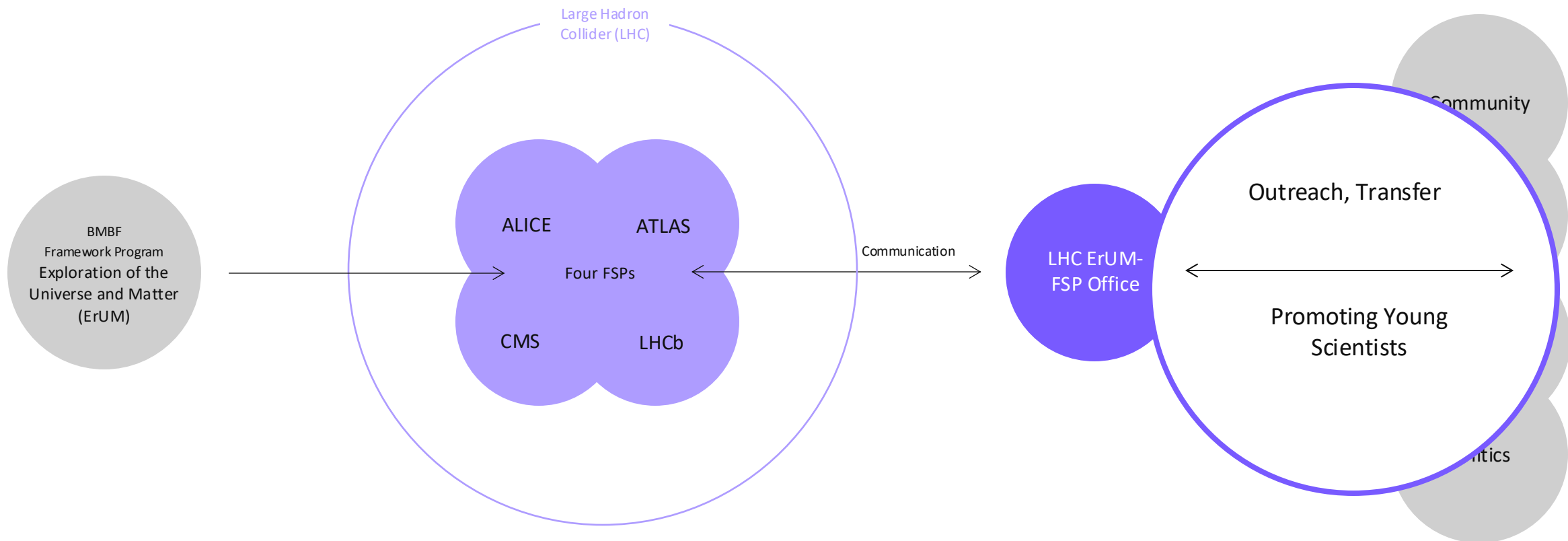
FSP LHCb Annual Meeting 2024

Sophia Haves | LHC ErUM-FSP Office | RWTH Aachen

Marius Hoffmann | LHC ErUM-FSP Office | Universität Göttingen

LHC ErUM-FSP Office

Organizational Chart



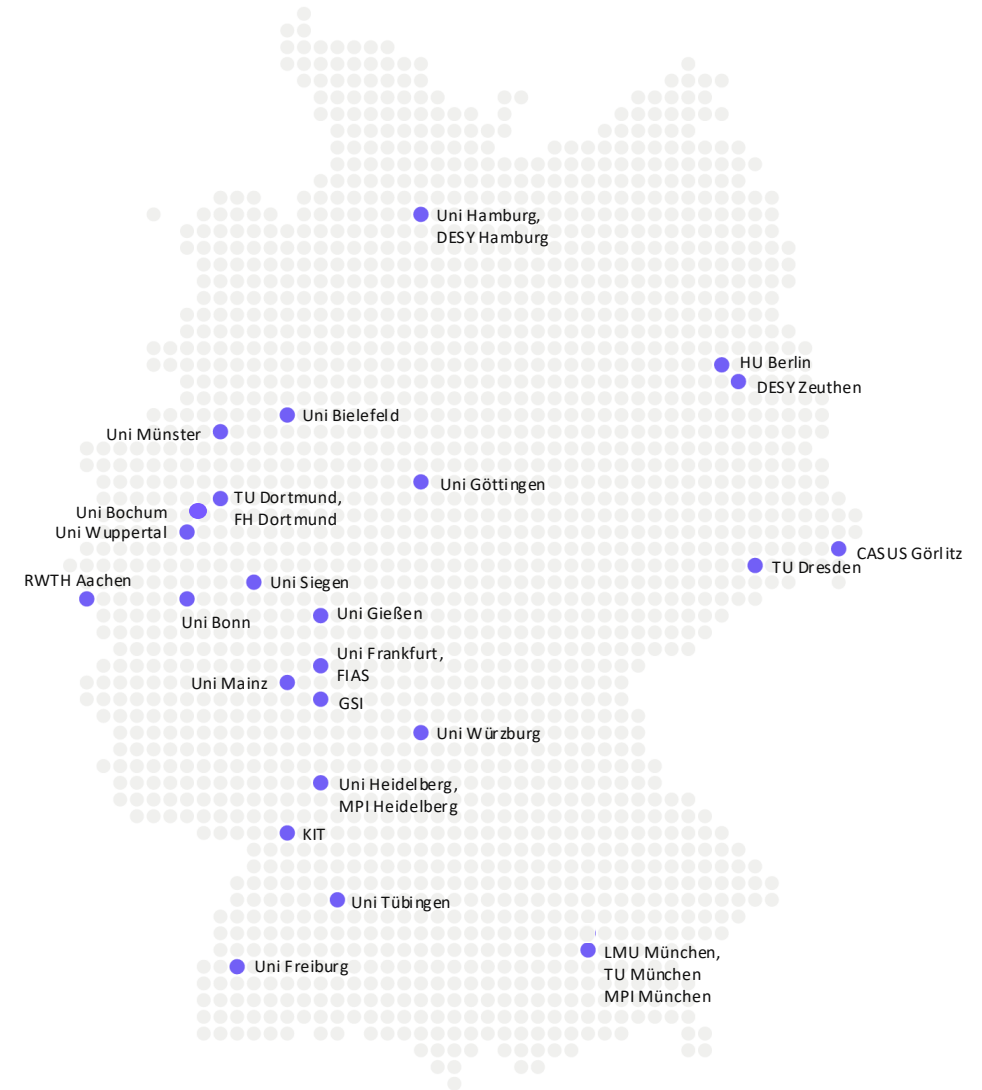
ErUM-FSPs at the LHC

Participating Institutes

- 4 ErUM-FSPs at the LHC: ALICE, ATLAS, CMS and LHCb
- 23 universities from all over Germany
- 6 scientific institutions (Helmholtz Association of German Research Centres and Max Planck Society for the Advancement of Science)
- more than 1300 scientists

More information:

➔ www.LHC-Deutschland.de



This Year's Activities

Trade Fair, CERN70 Event, App....

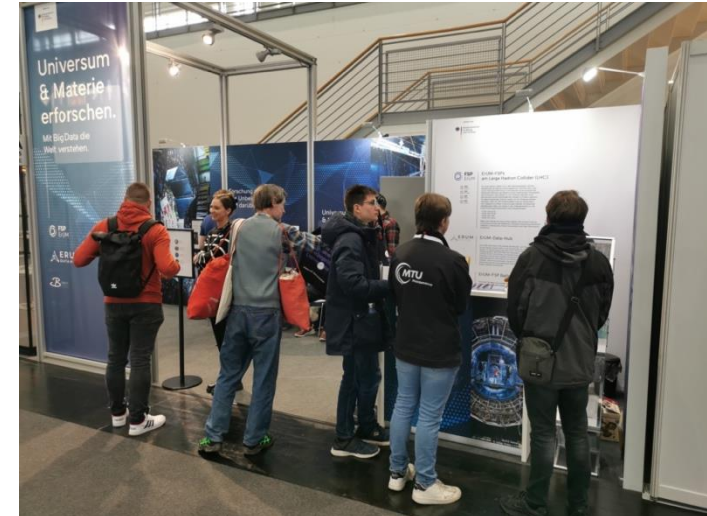
This Year's Activities

Conferences and Trade Fairs

- DPG Spring Meeting
→ at the KIT in Karlsruhe / March 04 - 08, 2024



- Hannover Messe
→ April 22 - 26, 2024
- joint booth with Belle II & ErUM-Data-Hub

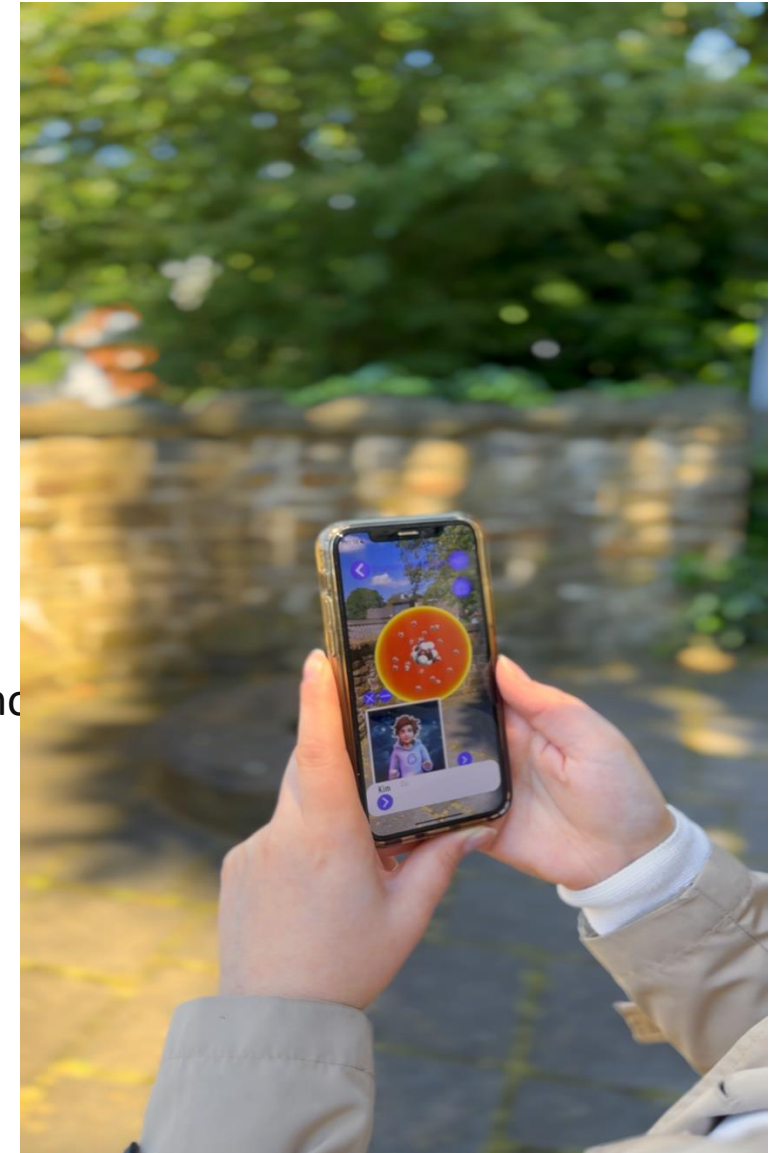


This Year's Activities

Augmented Reality App

Augmented Reality App „Das Teilchenuniversum“

- project of the Science Year 2023 “our universe”
- finalization and publication of the Augmented Reality App "Das Teilchenuniversum“
- launch in Berlin at the beginning of September as part of the CERN70 ceremony

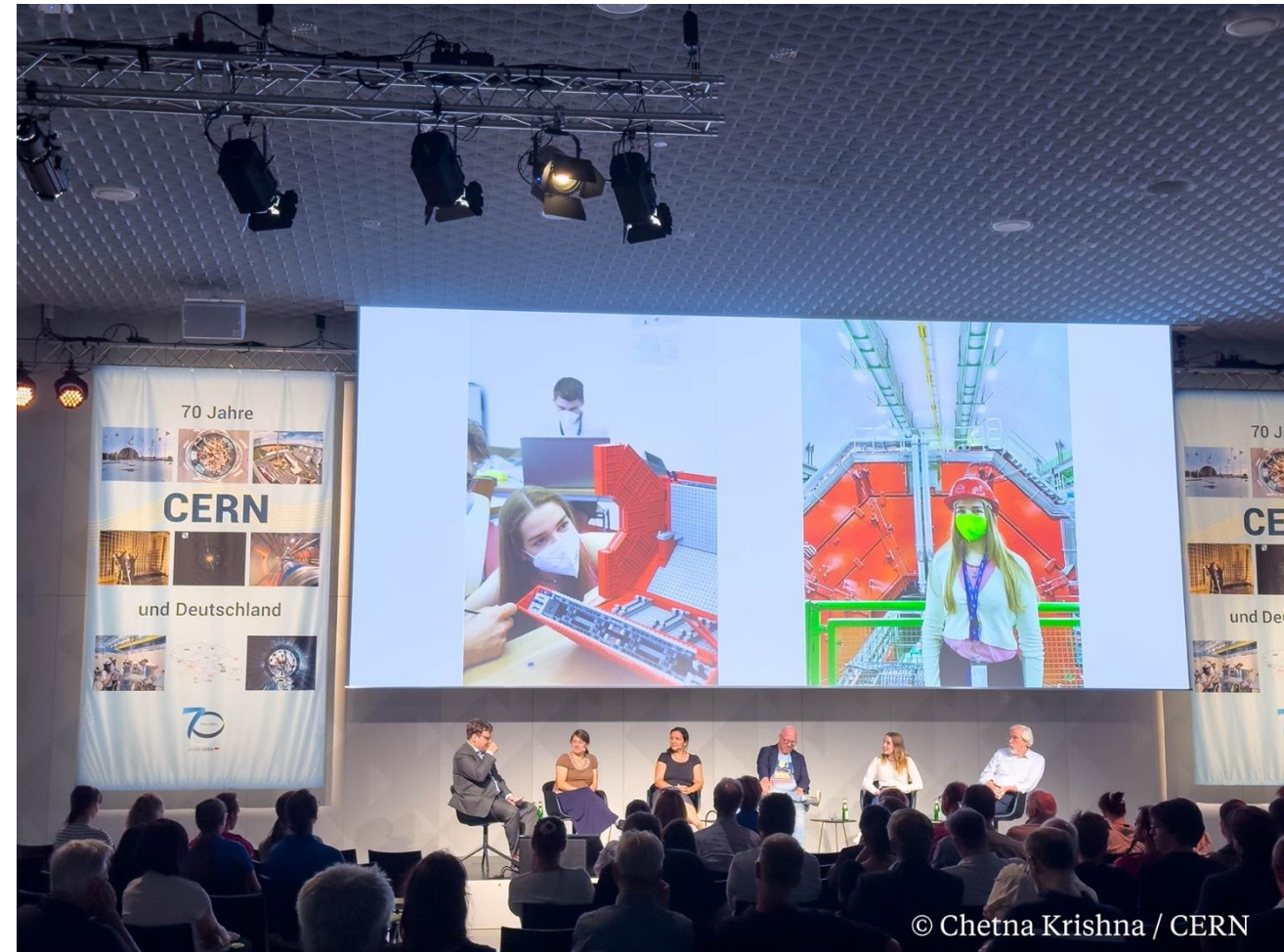


This Year's Activities

CERN70 Celebration Event

CERN 70 / September 01 – 04.

- involvement in the organisation of the major event to mark CERN's 70th birthday
- planning and implementation of the program for one of the evenings



Upcoming Events and Activities

Promotion of Young Scientists, English Materials...

Promoting Young Scientists

„Soft Skill Autumn“ & Transfer and Networking Event

- „Soft Skill Autumn“ with various coachings
- october / november 2024
- topics:
 - leadership
 - project management
 - rhetoric
 - scientific communication
 - presenting for scientists
- 3 half days / 12 participants each
- program mail soon
- > with indico link for registration



Industry Transfer and Networking Day

Cooperation with ErUM Data Hub

- cooperation with ErUM Data Hub
- networking of scientists and industry partners
- explain the possibilities of joint projects



-> registration and further information as soon as possible by e-mail

Overview of the Ongoing Funding Period

English Materials, New Image and Video Content...

High-Quality Image and Video Content

Trip to the FSP Locations in Germany

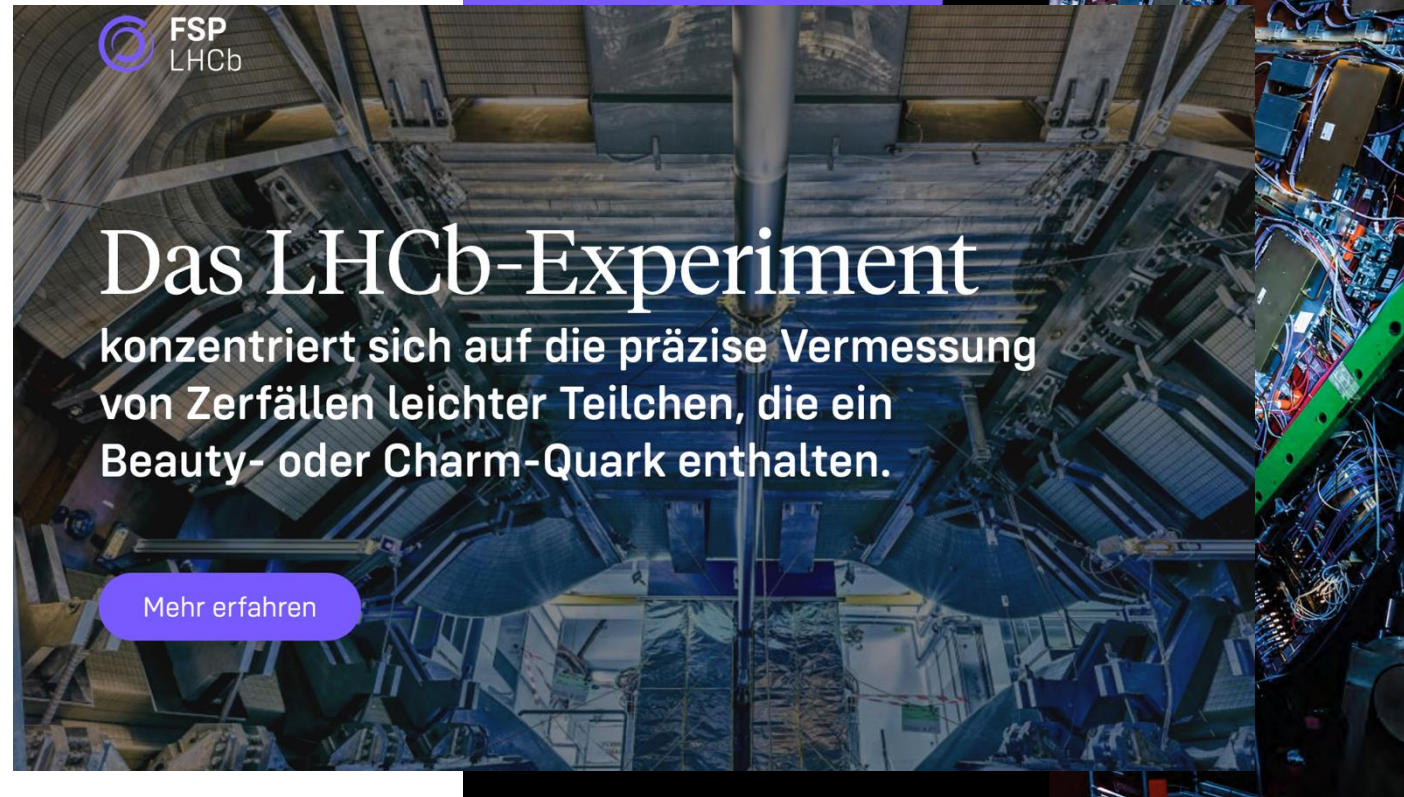
- tour to FSP-institutes to create image and video material
- for the LHC-Deutschland.de website and as a media database
- new info materials for trade fairs and events and other information graphics
- we welcome ideas and people who are interested in participating!

-> info@lhc-deutschland.de

Website & Brochure

English Version

- embed high-quality image and video content here
- english version of LHC-Deutschland.de & the LHC-brochure



Industry Fair

ISC High Performance

- furthermore: potential booth at the ISC High Performance
- first participation in 2023 with good response
- looking for partners for a joint booth

- Interested or ideas for other fairs?

→ info@LHC-Deutschland.de

ISC HIGH
PERFORMANCE
2025

JUNE 10-13, 2025
HAMBURG
GERMANY

Future Plans

2024 - 2027

Outreach

- translate brochure
- translation of the website
- production of high-quality images and videos
- increase awareness for ErUM-FSPs + grow network

Promoting Young Scientists

- “Soft- Skill Autumn” 2024 as career kick-off + networking event
- industry Transfer & Networking Event with ErUM-Data-Hub

Transfer

- participate in established industry fairs (ISC High Performance)
- industry Transfer & Networking Event with ErUM-Data-Hub
- increase awareness for ErUM-FSPs in industry

Services and products

- corporate design material for events
 - e.g. industry fairs, public lectures, Open Days
 - order corporate design materials in from us
 - e.g. bags, pens, stickers
- you have interesting news?
- or ideas for website content?

E-Mail at:

→ info@LHC-Deutschland.de



Presentation of the AR app “Das Teilchenuniversum”

Entwickelt im

Eine Initiative des Bundesministeriums
für Bildung und Forschung

Wissenschaftsjahr 2023

unser
UNIVERSUM

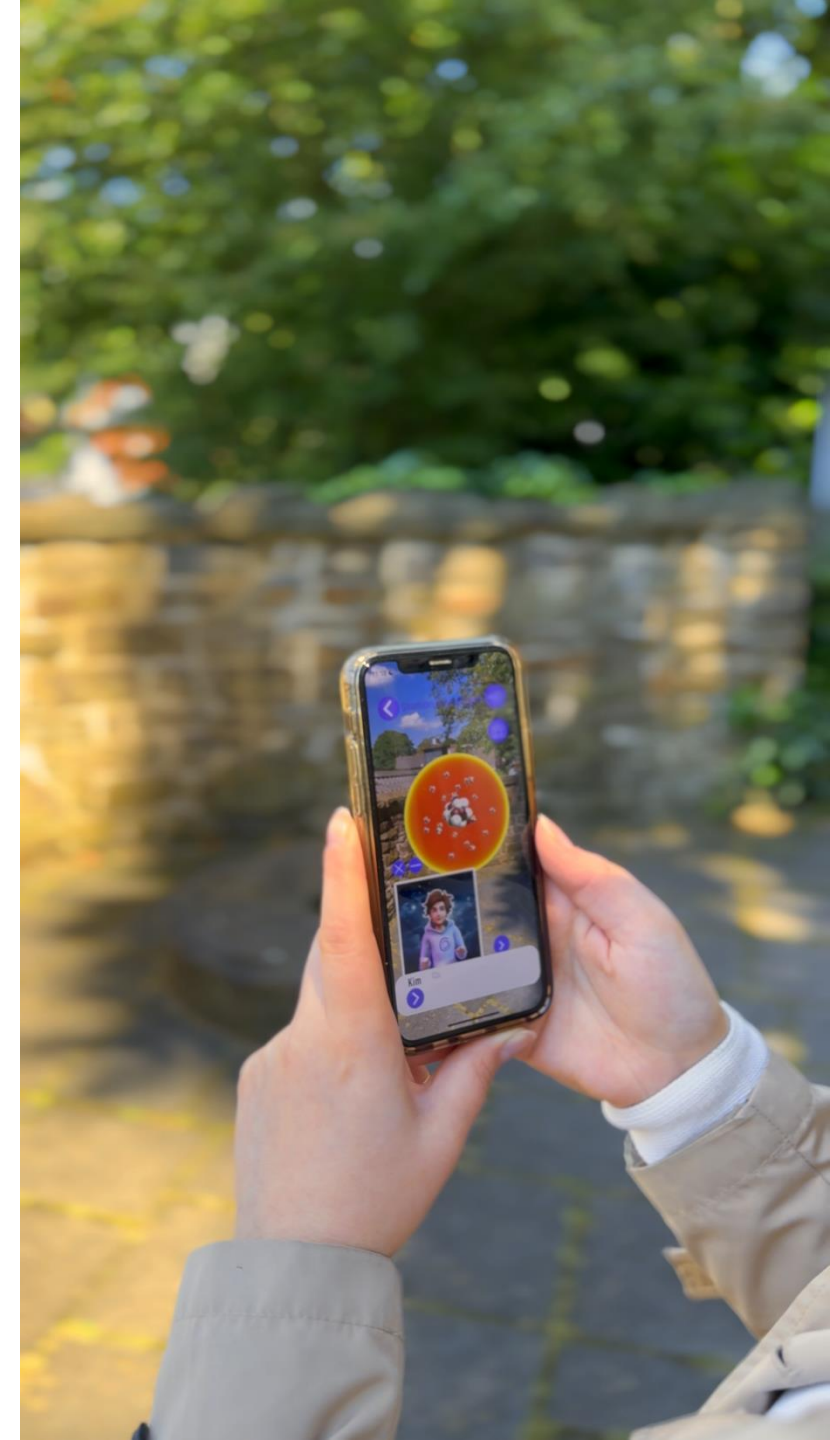


JAHRE CERN 

GEFÖRDERT VOM

„Das Teilchenuniversum“

- ➔ Augmented reality (AR) as an introduction to the world of particle physics
- ➔ 10 stations, each with a topic and an AR animation about particle physics at the LHC

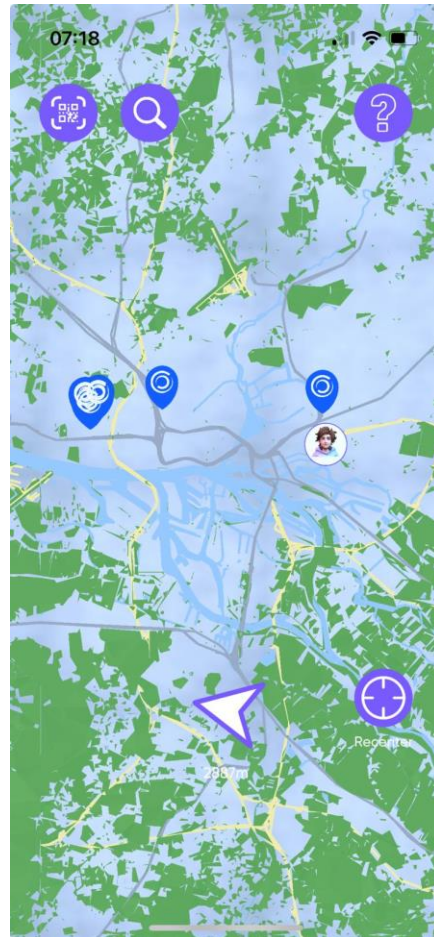


An AR Experience Throughout Germany

Two Possible Ways of Use

With an interactive map

- ➔ Visit or create paths on the map
- ➔ Select a station and follow the instructions of the avatar “Kim”
- ➔ Visit or create the next station on the map



With floor stickers

- ➔ Scan the QR code with the app
- ➔ Go directly to a station
- ➔ Complete the station and go to the next QR code



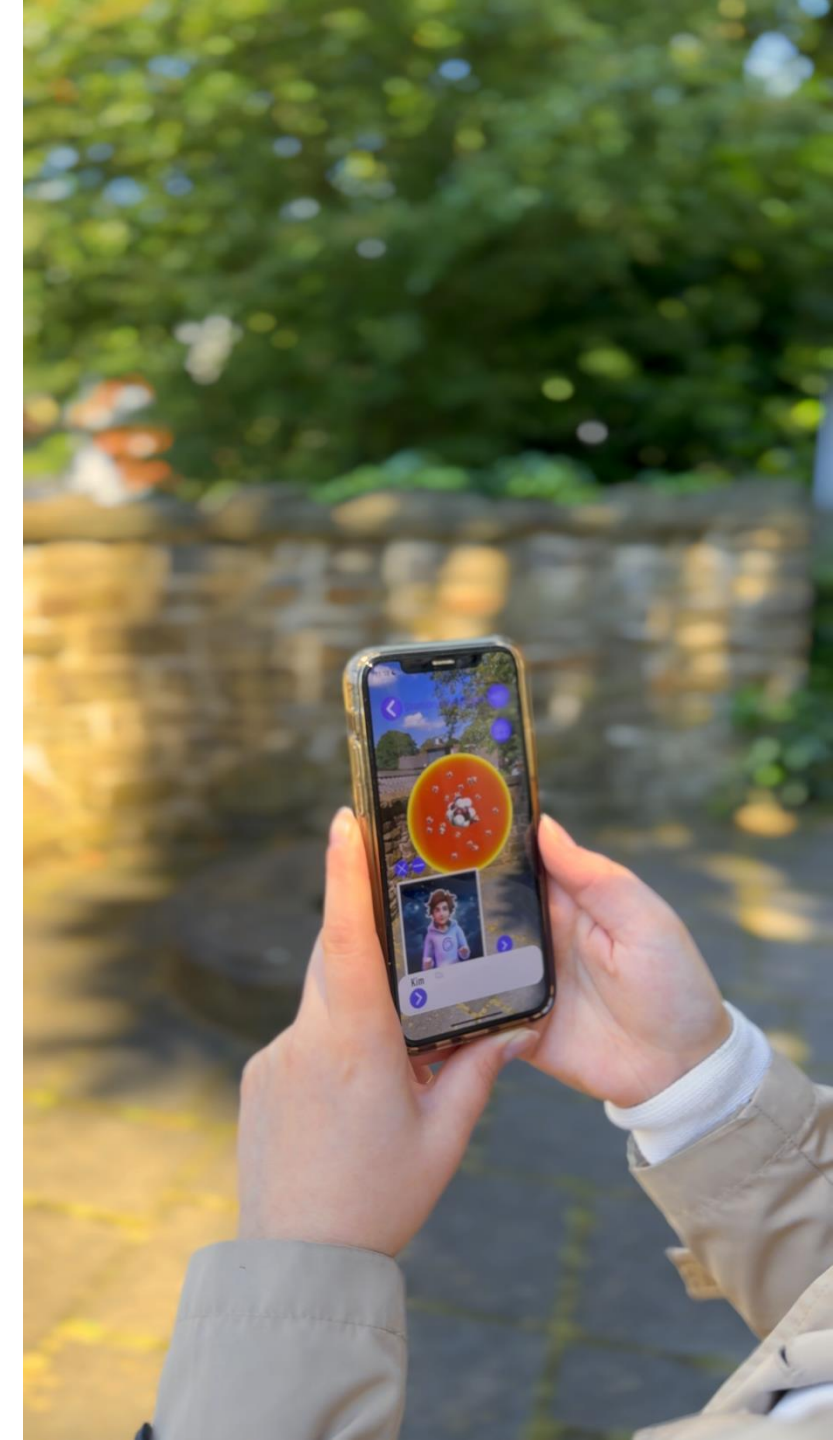
Materials

- floor stickers (60x60cm)
- ideal for placement outdoors and in school playgrounds
- posters and flyers
- teaching material from the Netzwerk Teilchenwelt on our website lhc-deutschland.de/app
- requests to info@lhc-deutschland.de



Create your own stations

- place stations directly on the map in the app using the creation mode
- free positioning at locations with GPS reception
- created stations appear directly on the map
- share stations with friends via link or social media
- win great prizes



Discover „Das Teilchenuniversum“ now Download for Android and iOS



lhc-deutschland.de/app

LHC ErUM-FSP Office

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