

## FAIR Accelerator Facility

Darmstadt, 2008 Ongoing project  
Research facilities

The Darmstadt based FAIR (Facility for Antiproton and Ion Research) intends to build an international accelerator facility. The architectural practices DGI Bauwerk, Berlin, and schneider+schumacher, Frankfurt, were able to convince those responsible that they could deliver the optimal design and realization. This new joint venture is called ion42, an expression derived from physics as well as literature; an ion being a central element of the scientific work of FAIR, and "42" being the famous "Answer to Life, the Universe, and Everything" from the book "Hitchhiker's guide to the galaxy" by Douglas Adams.

A total of 20 buildings for experiments, laboratories and plant rooms are scheduled to be finished by 2025. They will serve an underground accelerator ring of 1,100 m diameter. On an area of almost 150,000 m<sup>2</sup> GFA the scientists will research matter, the origin of the universe and its development.

<https://www.youtube.com/watch?v=omiSc9BbpZ8>





# FAIR Accelerator Facility

Darmstadt, 2008 Ongoing project  
Research facilities

Technical details:

Client: Facility for Antiproton and Ion Research in Europe GmbH, Darmstadt

Typology: Research facilities

Gross floor area: 148,600 m<sup>2</sup>

Procurement documentation: Freelance services procurement procedure (VOF)

Service phases (HOAI): 2-8

