

# **Johannes Gutenberg University Mainz**

Mainz, Germany





# Project Description

As part of ongoing construction work on the campus of the Johannes Gutenberg University, a new laboratory and office building was created for the Centre for Fundamental Physics (CfP II). In an initial construction phase, the existing underground experimental halls for the new particle accelerator MESA (Mainz Energy-Recovering Superconducting Accelerator) were already converted. The now realised four-storey building provides specialist laboratories and offices for six new research groups as well as for visiting scientists from various disciplines. The building structure includes a cleanroom, a neutron irradiation unit, and a heavy-duty assembly hall for the construction of detector units.

The Lindner Group was responsible for the complete fit-out of the CfP II laboratory and office building, bringing their expertise with a wide range of services: This included, among other things, the installation of heating, ventilation, and sanitary systems as well as all electrical engineering, including self-sufficient power supply and lighting systems.

In the field of object design and building technology, Lindner provided specialised solutions. These included high-quality wooden interior doors and a ventilation technology that ensures optimal air purification and circulation, which is of particular importance in sensitive areas.

The expansion of cleanrooms and laboratories represented another core competence of the Lindner Group: In the laboratories airlock, wall, and ceiling systems were installed that meet the highest cleanroom standards and ensure a contamination-free environment. Integrated LED lights in the cleanroom ceilings provide optimal lighting and working conditions.

The comprehensive range of services offered by the Lindner Group is rounded off by drywall and flooring works, as well as painting, and screed works.

# General

<b>Building Type</b>	Office Buildings, Research Rooms, Laboratories and Research Facilities, Industrial and commercial construction
<b>Company Division</b>	Lindner SE   Fit-Out Central.East Germany, Lindner SE   Building services, Lindner SE   Clean Rooms, Lindner SE   Interior, Lindner Bautechnik GmbH
<b>Completion</b>	2023
<b>Client</b>	Landesbetrieb Liegenschafts- und Baubetreuung (LBB-Mainz)
<b>Architect</b>	DGI Bauwerk, Berlin

# Completed Works

- **Building services engineering**
  - Air conditioning systems
  - Electrical engineering
  - Heating system
  - Measurement, control and regulation technology
- **Clean Room**
  - Ventilation for Clean Rooms
  - Supply air
    - Filter Fan Unit (FFU)
  - Clean Room Airlocks
  - Partition systems 50
    - Variodata
  - Partition systems 100
    - Multiclean LVT
  - Clean Room Doors
  - Aluminium grid systems
    - Line 55A
  - Steel grid systems

Line 100S Type 2  
Integrated lights  
SH LED-U3

- **Doors**

Wooden doors

- **General Contracting**

Dry construction works

Carpentry

Tiling works

Painting works

Floor covering works

Metalworks

Screed works

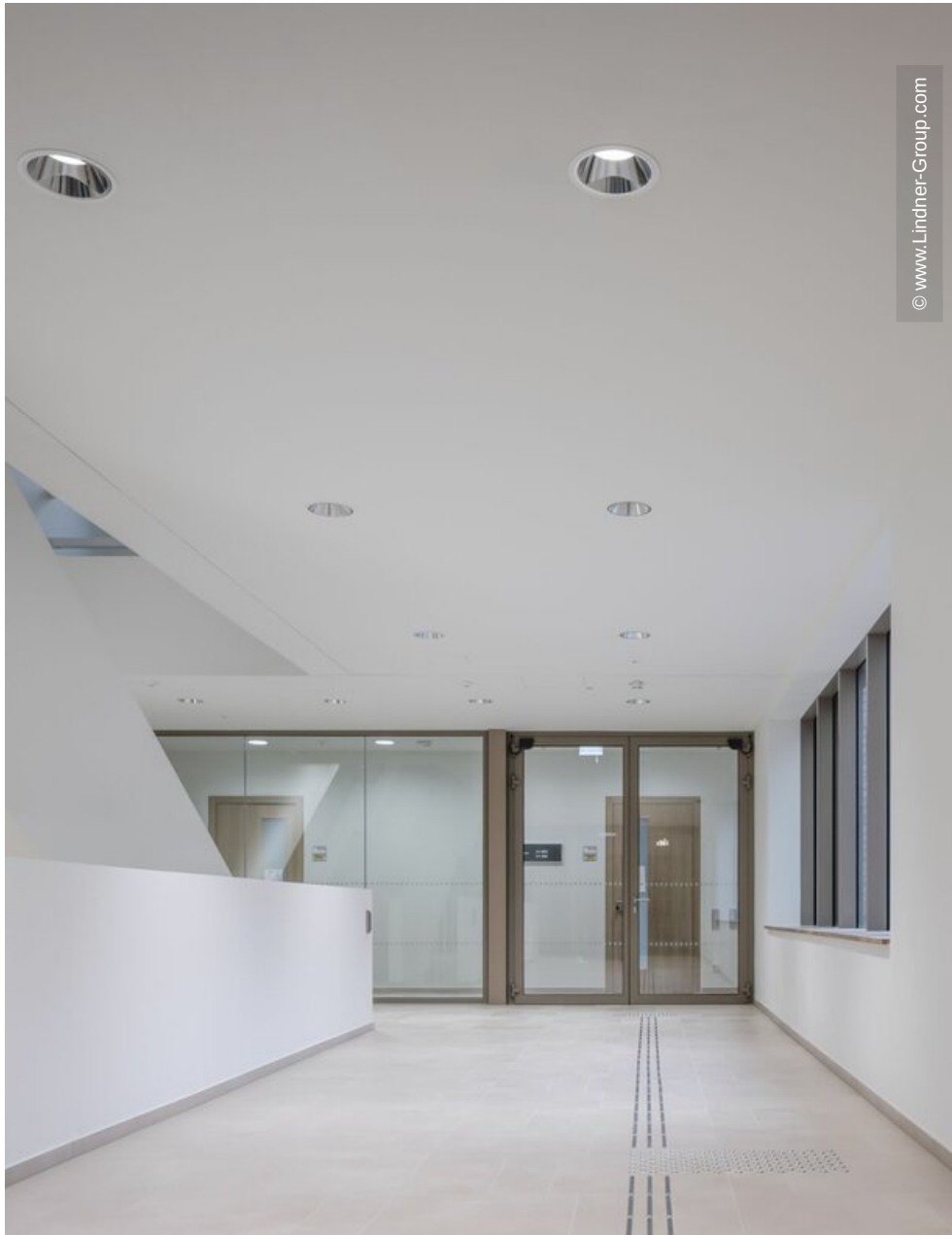
Plastering works

Cleaning works

Furniture

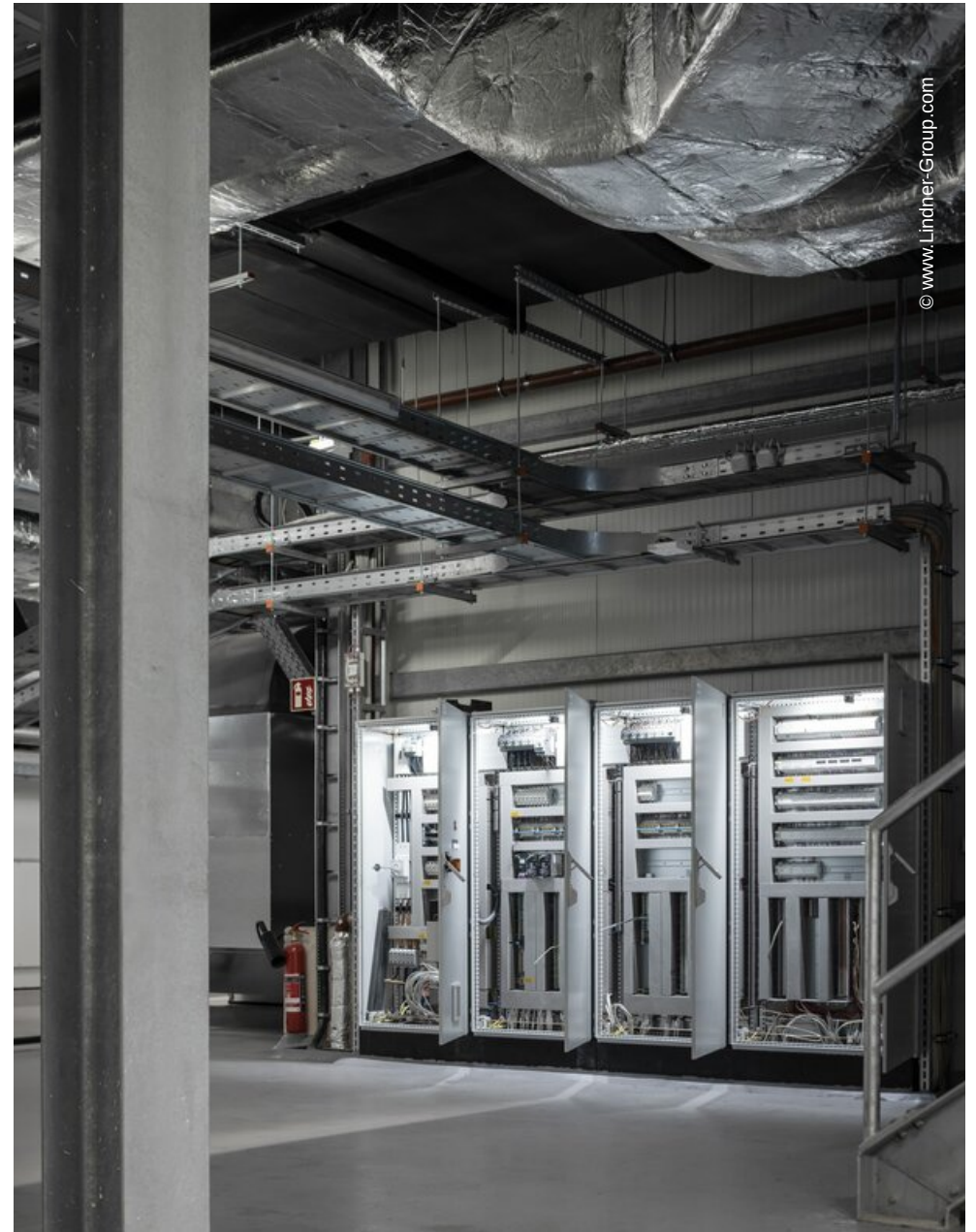
Floor coating works

Building services insulation











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