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Projekt

# Gravitational Centre of Physics

## New Physics Building, University of Stuttgart

#Education #Science



### Projekttafel

Auftraggeber

Land Baden-Württemberg, Vermögen und Bau  
Baden-Württemberg, Universitätsbauamt Stuttgart und  
Hohenheim

Nutzer

University of Stuttgart, Faculty 8, Physics Department

Nutzfläche 1-7

18550 qm

Bruttogrundfläche

47550 qm

Bruttorauminhalt

239150 cbm

Fertigstellung

2028

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At the **Physics Department**, scientists from 15 institutes deal with topics related to **experimental and theoretical physics**, basic and applied research. In addition to scientific activities, **the focus is on teaching physics**. Here, physics students are instructed and practical courses are offered for a wide range of departments. The programme is supplemented by the **didactics area** and the **“Play of Forces” exhibition**, which offers school classes and their teachers practical physics lessons. The new physics building pools the **top international research of the University of Stuttgart** on the Vaihingen Campus and is being built for around **450 scientific staff** and around **700 students** in the Physics Department.

Magistrale: The ZAQuant represents the prelude to the so-called new Magistrale of Physics at the University of Stuttgart, a new main axis. Two more buildings, also designed by Hammeskrause Architekten, are to be built by 2028. Their arrangement in the urban space is intended to create a sequence of squares and open spaces, thus generating a clear address for physics on the Allmandring.

From: Tief im Innern liegt ein Schatz, Stuttgarter Zeitung 14.12.2021

The room schedule of the Physics Department is divided into **two buildings**: a six-storey **teaching building** to the east and a five-storey **institute building** to the west.

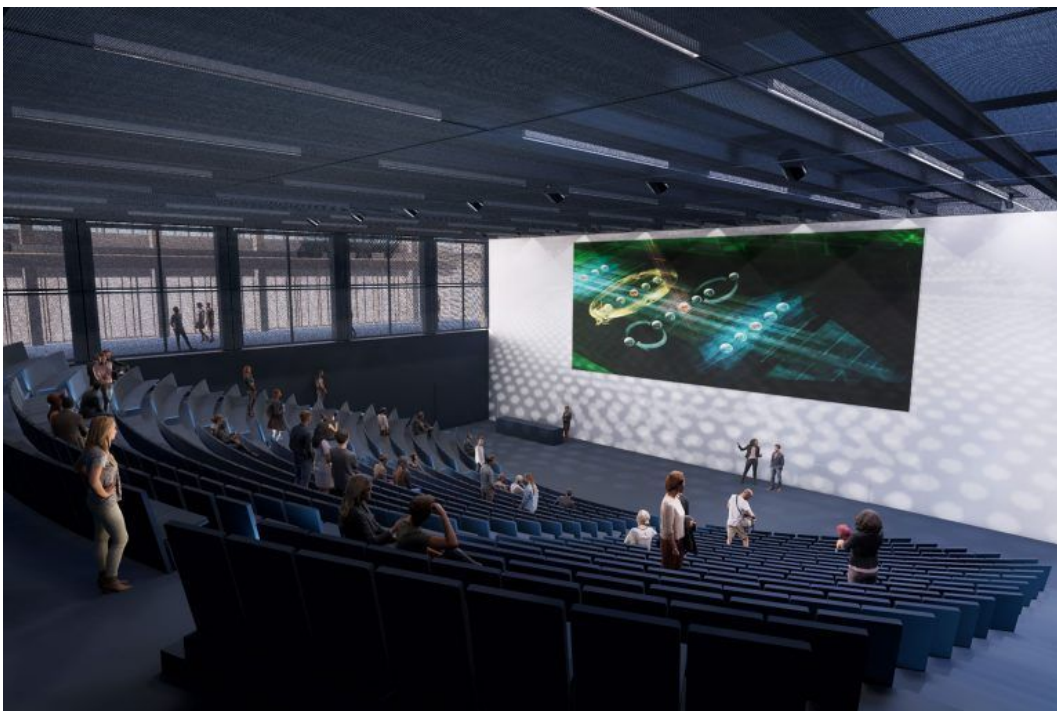
The **central teaching building** is mainly home to **student “operations”** and practical classes for beginners and advanced students. An **attractive foyer**, student lounge and work areas in conjunction with a dedicated **cafeteria** and outdoor area promote **student life** in the southern part of the campus. Half of the institutes are located on the upper floors.

The **institute building** to the west provides space for other institutes and core facilities, such as clean rooms, crystallography and cryogenics. **A footbridge connects the two buildings on the upper floors.**

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Foyer in the central teaching building



Large lecture theatre in the teaching building

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Foyer with exhibition area and spacious seating steps in the teaching building



Large lecture theatre in the teaching building

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Standort

New Physics Building, University of Stuttgart

Allmandring 3 und 3 A  
70569 Stuttgart  
Deutschland