

Johann Wolfgang Goethe-Universität Frankfurt / Main, Physics Institute

Client: Department of construction Frankfurt / Main II
Project: Construction of the physics institute
Area: 13,655 m² HNF (main floor space)
Project Period: 2002 to 2005
HOAI-Phases: 2 to 8 according to HOAI
 (fee structure for architects and engineers)

Scope of Services:

- Medium voltage switchgear
- Transformer station 3x1,000 kVA
- Emergency power systems 250 kVA,
- UPS system
- Central battery system
- Low voltage switchgear
- Low-voltage installation facility
- Lighting system
- Lightning protection system and earthing system
- Antenna system
- Fire alarm system
- Clock system
- ELA for alerting purpose, ELA for auditorium
- Media technology for auditorium
- Integrated Structured transmission network with 4,970 connections in fiber optic and CU-technique for voice and data transmission
- Conveyor technology with 1 passenger elevator and 1 freight elevator

