

TECHNICAL CENTRE OF THE TECHNICAL UNIVERSITY Dresden (Germany)

NEW BUILDING

Client: SIB Sächsisches Immobilien-
und Baumanagement NL Dresden

**Certified
Inspection Engineer:** Prof. Dipl.-Ing. Matthias Pfeifer

Our services: Structural engineering inspection in accordance
with regulations and standards
Building
Static calculations
Execution planning
Planning of prefabricated reinforced concrete parts
Structural fire protection
Shoring
Static calculations
Execution planning

Brief description: New technology building for the faculty of electrical
engineering and information technology with a bridge
connecting it to an existing neighbouring building
- 3-storey building with partial basement
- floor space 2,250 sq m
- shallow foundations
- flexibly supported base plate
- reinforced concrete skeleton frame cast in-situ
- flat slabs
- partially hollow slab construction
- stairwell walls used for stiffening
- outdoor steel stairs as emergency exit
- glazed façade fixed on main load-bearing reinforced
concrete structure
- steel connection bridge constructed as a lattice-work
construction, with supporting columns, 13 m long

Architects: AWB Architekten, Dresden

Structural Engineers: Krebs und Kiefer, Dresden

Completion: 2013

