

## INFORMATION, COMMUNICATION AND MEDIA CENTRE Cottbus (Germany)

### NEW BUILDING

**Client:** State of Brandenburg, represented by  
land and building office, Cottbus

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

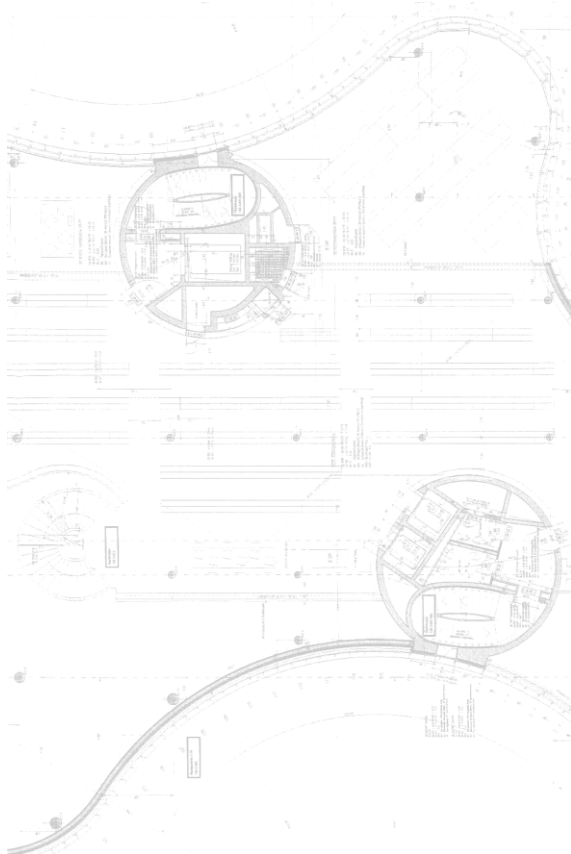
**Our services:** Structural engineering inspection in accordance  
with regulations and standards  
Static calculations  
Execution planning  
Planning of prefabricated reinforced concrete parts  
Structural fire protection  
Thermal building physics  
Sound insulation  
Façade planning  
Random monitoring of the structure  
during the building phase

**Brief description:** New construction of a university building  
- amoeba-shaped, multi-storey reinforced concrete  
construction with composite columns  
- wide spanning, high load-bearing flat slabs (library load)  
- slender, highly loaded reinforced concrete composite  
columns with steel core  
- load transfer via „Gailinger steel mushroom“  
- stiffening through two slender reinforced concrete  
cores (stairwells)  
- large openings in slabs  
- self-supporting spiral staircase through three floors

**Architects:** Herzog & de Meuron, Basel (Schweiz)  
mit Höhler+Partner, Aachen

**Structural Engineers:** Pahn Ingenieure GmbH, Groß Gaglow

**Completion:** 2004



Pictures / Illustrations: PfeiferConsult, Herzog & de Meuron; Höhler + Partner

