

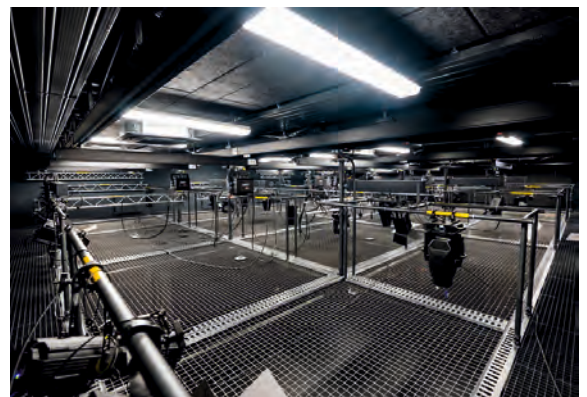
THEATRE LABORATORY OF THE INSTITUTE FOR APPLIED THEATRE SCIENCE OF THE JUSTUS-LIEBIG-UNIVERSITÄT (JLU) Gießen (Germany)

NEW BUILDING

Client:	State of Hessen represented by HESSIAN MINISTRY OF FINANCE represented by the STATE OFFICE FOR CONSTRUCTION AND REAL ESTATE HESSEN, BRANCH OFFICE CENTER, Gießen
Projectmanagement:	STATE OFFICE FOR CONSTRUCTION AND REAL ESTATE HESSEN, BRANCH OFFICE CENTER, Gießen
Architects:	hjp architekten, Würzburg
Our services:	Full structural design Establishing the basis Preliminary design Final design Approval documentation Execution drawings Preparation of contract award Construction supervision
Brief description:	<p>Construction of a new theatre laboratory as a forum for studies and performances in the institute for applied theatre science</p> <ul style="list-style-type: none">- up to 3-storey building cube constructed in reinforced concrete, steel and steel compound building method- the building consists of a foyer, a fly tower with stage area (auditorium, rehearsal stage including stage machinery above and an orchestra pit), sound control room, equipment rooms, storage rooms and offices- 3-storey fly tower 11.5m high with base area of 19.5 x 16.3 m acting as core of the building surrounded by 2-storey buildings- flat roof over the stage space as reinforced concrete slab on steel composite beams, which also serve as supporting and anchoring structure- steel structure made of 4 mm thin steel cables (tension grid), with spans up to 4,5 m, fixed on the bottom side of the steel composite beams as accessible area for the stage equipment- high level of installation due to stage machinery and equipment- horizontal stabilizing of fly tower with outer walls using reinforced concrete, through the suspended steel frame (tension grid)- front covered in golden wire mesh
Completion:	2019



Stage area



Tension Grid with stage equipment



Pictures / Illustrations: ProfessorPfeiferundPartner PartGmbB, hjp architekten