ESO Supernova Planetarium & Visitor Centre

Garching, Germany

Lindner


© ESO/P. Horálek

Project Description

The European South Observatory (ESO) is a research institute with telescopes that search the night sky in the deserts of Chile, which has led to countless discoveries in the institutes history of more than 55 years. Since 1980, the ESO is based in Garching near Munich. Just recently the facility has been extended by a planetarium and visitor centre that is set up for up to 100,000 visitors annually. The building is a donation of the Klaus Tschira Foundation to the ESO and it is dedicated to the teaching of the public about the fascination and importance of astronomy and astrophysics. The building´s basic architecture is drawn from a supernova, which consists of a dual-star system in which one star transfers mass to its companion until the heavier object explodes, emitting a highly intense light as a result. The core of the building is a dome with a diameter of 14 metres, the planetarium. In addition to this, about 2,200 sqm of exhibition area were created, showing numerous exhibits and breathtaking views from the world´s most advanced observatories. On the third floor of the building is an area that can be booked for seminars and events.

Lindner fitted hollow floors of type FLOOR and more® in the interior of the ESO Supernova Planetarium & Visitor Centre. This system was installed in the planetarium, the foyer and the seminar rooms. In the planetarium, it is part of the stand and used for hiding the complex installations in the floor void. The foyer area was fitted with FLOOR and more® on a larger scale to build a base area that was then laid with underfloor heating and NORIT TE20 dry screed. The hollow floor in the seminar rooms was covered with high-quality parquet.

General

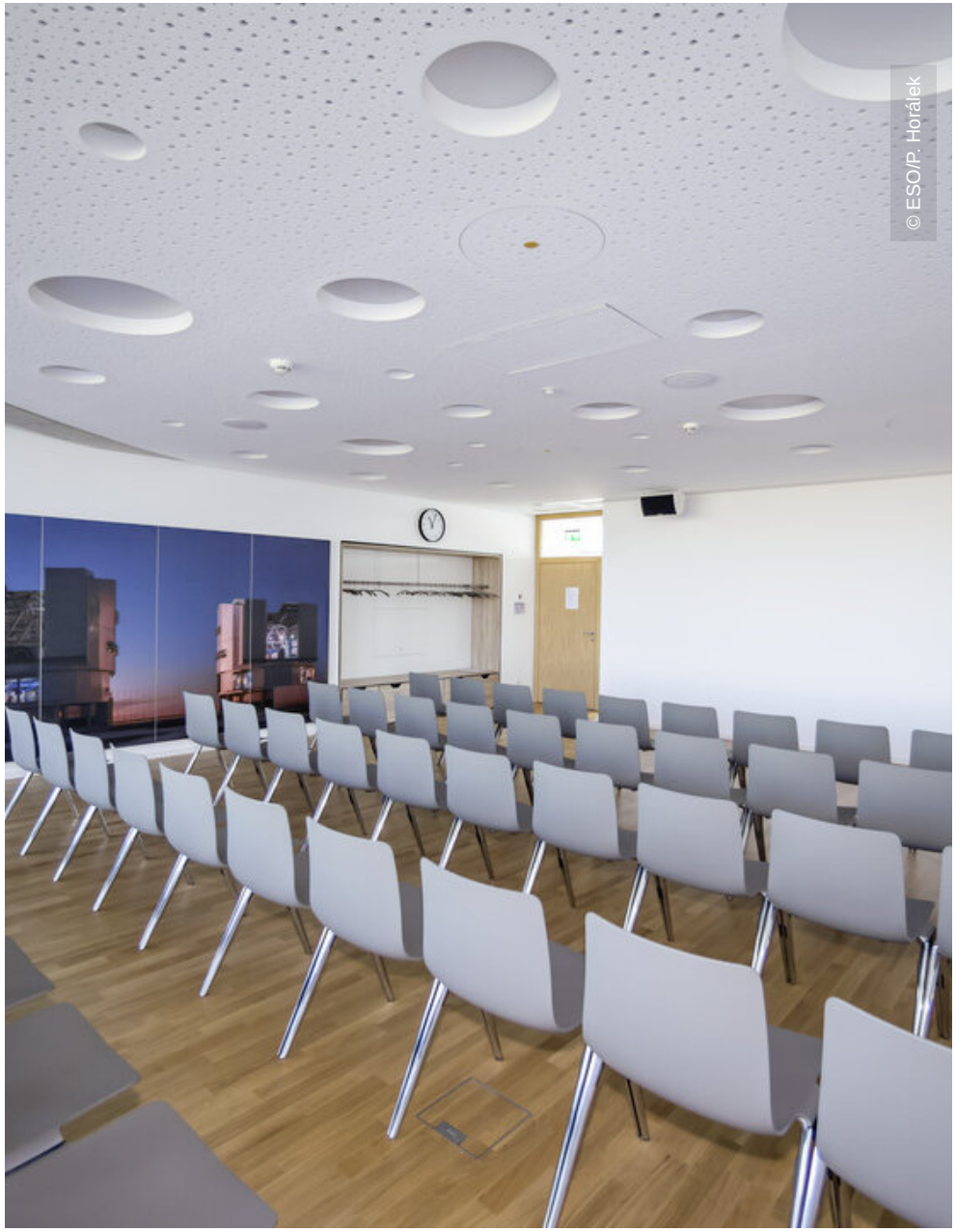
Building Type	Museums and Galleries, Exhibition, Cinemas and Multiplex Theatres, Cultural buildings, Sports and recreational facilities
Company Division	Lindner SE | Floors, Lindner Bautechnik GmbH
Completition	2015 - 2017
Client	European Organisation for Astronomical Research in the Hemisphere (ESO)
Architect	Bernhardt + Partner Architekten

Completed Works

- **Floors**

  Calcium Sulphate Panels
  FLOOR and more®
- Insulation Engineering


© ESO/P. Horálek


© ESO/P. Horálek


© ESO/P. Horálek


© ESO/P. Horálek