

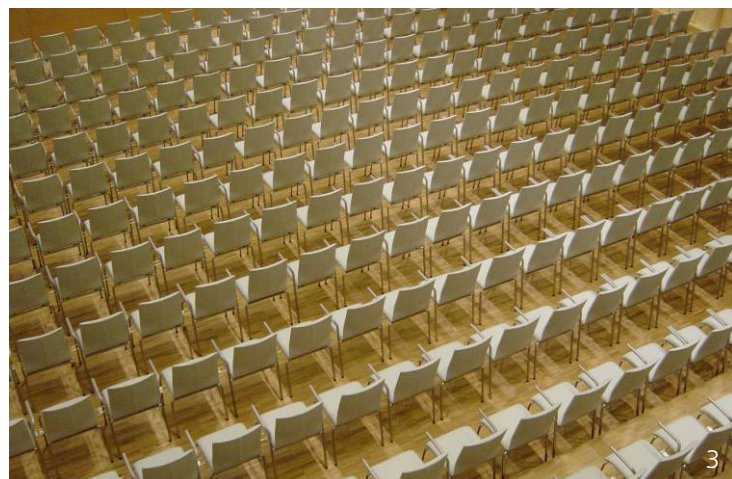


FRANZ LISZT CONCERT HALL, RAIDING, AUSTRIA

PROJECT. In close vicinity to the house where Franz Liszt was born and which was turned into a museum, a new concert hall, designed specifically for the works of Liszt, was built. In his day, Franz Liszt was a pianist and composer celebrated throughout Europe; his entire life, he fascinated his audience and was famous like a pop star. During his lifetime (1811-1886), Europe saw the creation of a new type of room for musical performances: the concert hall.

ACOUSTICS. The design competition had required the music hall to be shaped like a shoebox since this was the original form based on which concert halls were designed. The result was a hall for an audience of up to 600, featuring a medium-sized stage of about 90 m². At the same time, it was necessary to design a large, unranked stalls area for being able to also use the hall for conferences and banquets. Only the rear stalls area is slightly raked in order to ensure a clear line of sight and a good supply with direct sound.

The traditional shoebox form with a volume of approx. 5,000 m³ was clad with solid wooden panels of up to 350 kg. The three-dimensional, convex curvature of the panels' surface – hardly visible to the audience at all – ensures a good distribution of sound and at the same time counteracts the formation of disturbing flutter echoes.



CLIENT

Verein Franz Liszt Gesellschaft Burgenland

ARCHITECT

Atelier Kempe Thill, Rotterdam

PROJECT DATA

| | |
|----------------------------------|-----------------------|
| Planning and construction period | 2004 - 2006 |
| Gross volume | 12,400 m ³ |
| Cost of construction | 6.8 million euros |

SERVICES RENDERED

Room acoustics
Room acoustical measurements, laboratory measurements

1 Stage
2 Auditorium
3 Stalls
4 Exterior view
Pictures: 1, 2, 4 Ulrich Schwarz, 3 Müller-BBM