

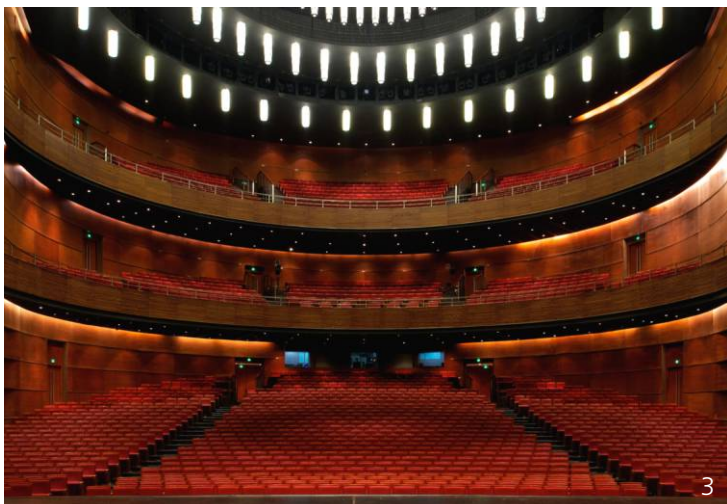
GRAND THEATER CHONGQING, P.R.CHINA

PROJECT. The industrial metropolis Chongqing with a population of 8 million is located on the Yangtze River, approx. 2,400 kilometers up the river from Shanghai. The Grand Theater, designed by gmp Architekten, was built on the headland facing the skyline of Chongqing. The building includes an opera house for an audience of 1,800 as well as a multi-purpose hall seating 800. Both halls feature stages with sophisticated technology, and their respective fly towers are clearly visible in the building's silhouette.

ACOUSTICS. The horseshoe-shaped opera house does not have any side balconies, but instead features two centrally located rear balconies. This design not only ensures very good sightlines to the stage but also a perfect supply of direct sound. Moreover, the undulating shape of the wooden wall panels even increases the balanced sound impression.

In the multi-purpose hall, acoustic fabric blinds can be unwound on large areas behind a sound-transparent metal mesh, thus facilitating a flexible adjustment of the acoustics depending on the respective kind of usage.

Special attention was also paid to the acoustic separation between the two adjoining stages so that both halls can be used simultaneously without any disturbances.



CLIENT

Chongqing Jiangbeizui CBD Development & Investment Co., Ltd

ARCHITECT

gmp Architekten v. Gerkan, Marg und Partner, Hamburg / Berlin

PROJECT DATA

Planning / construction period	2005 - 2009
Gross floor area	96,000 m ²
Construction costs	150 million euros

SERVICES RENDERED

Room acoustics, electroacoustics, building acoustics
Design, scale model measurements, simulations,
site supervision, final acceptance testing,
accompaniment of start-up phase

1 Exterior view
2 Facade
3 Opera house
4 Multi-purpose hall
Pictures: Müller-BBM