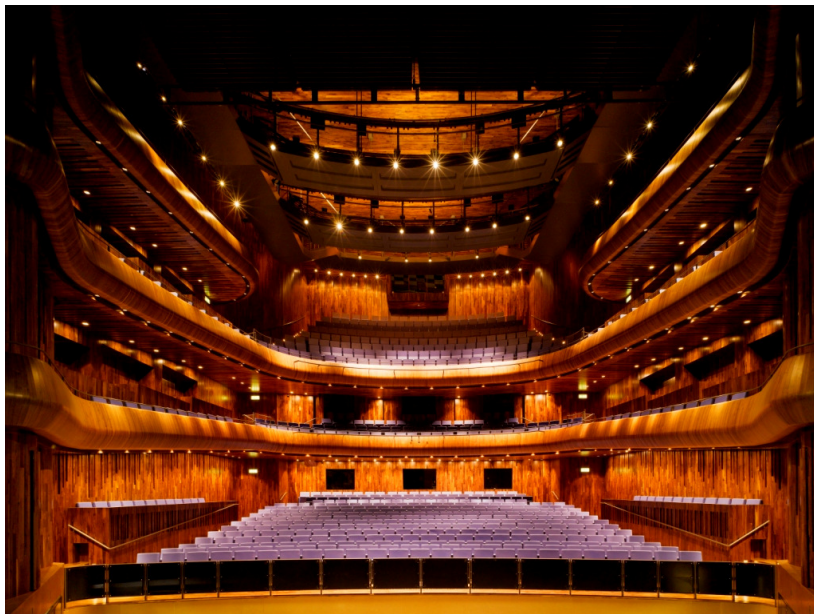


Wexford Opera House



Facilities

- Main stage, orchestra pit, flytower and back stage
- Foyers/box office/bars and café
- Hospitality Areas
- Backstage facilities for directors, conductors, designers and singers
- Dressing rooms
- Chorus Rehearsal Rooms
- Prop Making

Abstract

The rebuilding of Wexford Opera House, the first purpose-designed opera house in Ireland was completed on schedule for the 2008 autumn opera festival. The new opera house has been constructed in the town centre on the site of the old Theatre Royal, contains two theatres of differing scales. The principal auditorium accommodates 780 seats, whilst a new adaptable auditorium of 175 seats provides for performance in a variety of formats.

Arup Consulting Engineers were the Civil, Structural and Geotechnical Engineers on the development will describe how this steel framed building was designed and constructed. The highly complex geometry of the steel frame, including curved fronted auditorium balconies, was assembled in 6 phases working out from the most landlocked corner of the site.

Cian Ó Donnchadha, Chartered Engineer, Arup Consulting Engineers
BEng, CEng, MIEI, MIStructE

Cian Ó Donnchadha, who led the project for Arup, is a Chartered Structural Engineer who has worked with Arup Consulting Engineers since graduating in 1999. Among Cian's recent projects are Drogheda Swimming Pool, which was short-listed for the IStructE awards for Sports Structures in 2007, and Montevetro, a 15 Storey Office block over 3 levels of basement on Barrow St, Dublin 4.

6.30 pm Tuesday 19th May 2009, Room 259, DIT, Bolton Street, Dublin 1
(Tea/ coffee reception at 6.00pm in the College)

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