

The River Barrow extradosed bridge in New Ross (Ireland)

Dienstag, 8. Oktober 2019
17:00 Uhr
Auditorium HIL E 1 (Lehrgebäude Bauwesen)
ETH Zürich, Hönggerberg, 8093 Zürich

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Figura 1. Render of the completed bridge

The River Barrow Bridge in New Ross (Ireland) has a total length of 887 m and it includes 4 extradosed spans and 5 approach spans. Its longest spans (230 m) are a world record for extradosed bridges with concrete deck. The deck is a closed box with a minimum total width of 21.9 m and overhangs supported by precast slabs. The stays are arranged in a single central plane with parallel cables which are continuous across the pylons.

The lecture will focus on three major issues: design, analysis and construction. The most relevant and specific aspects of these issues shall be presented in the lecture since the bridge is singular in all of them. The bridge is planned to be finished by the end of October 2019.

Anschliessend an den Vortrag ist ein gemeinsames Nachtessen mit dem Referenten im Restaurant Die Waid, Waidbadstrasse 45, 8037 Zürich vorgesehen.

Nächster Vortrag: Dienstag, 22. Oktober 2019, 17:00 Uhr, HIL E 1
José Romo Martín, Fhecor Ingenieros, Madrid Spain
"Mersey Bridge"