


World-wide record-breaking cable supported bridges Experiences from design and construction

Presenter:	Dorian JANJIC , Dipl. Ing. Tel: +43 650 82 15 31 0 Email: dorian.janjic@tdv.at	
Name of Firm with which associated:	TDV Consulting Dorian Janjic & Partner GmbH Gleisdorfer Gasse 5 8010 Graz, Austria Web: www.tdv.at	
Date:	15.12.2022 at 12:00 pm	
Location:	Ceremonial hall, Faculty of Technical Sciences Trg Dositeja Obradovića 6, Novi Sad, Serbia	

Mr. Janjic is **TDV's** leader/CEO with three decades of experience on bridge engineering works. As specialist for complex problems (static and dynamics, wind buffeting, construction, optimisation) and for long-span bridges, Mr. Janjic has been involved in design / construction of **prestigious and world-breaking bridge projects** with bridge spans exceeding 1000m:

- Canakkale 1915 Bridge / Turkey (**2023m** span),
- Gwangyuang Bridge / Korea (**1545m** span),
- Hardanger Bridge / Norway (**1310m** span),
- Sutong Bridge / China (**1088m** span),
- Stonecutters Bridge / Hong-Kong (**1018m** span).

Experiences from design and construction of world-wide record-breaking cable supported bridges will be outlined in this presentation. The special accent will be given to different engineering challenges of long-span cable supported bridges according to bridge type: suspension, cable stayed or extra-dosed bridge.

Importance of usage of computer aided design and computer aided simulation of bridge construction in engineering work will be detailed, including the recommendation based on Mr. Janjic's long engineering experience.



Finally, some details of full sequence analysis and planning of deck erection of world-wide longest bridge - **Canakkale 1915 Bridge** in Turkey with main span of **2023m** - will be presented.

