



NO.2 Laboratory
Meeting Room on the Second Floor
College of Civil Engineering
Fuzhou University, Fuzhou, Fujian (PRC)



Topic 1: Design and Construction with UHPFRC: Design Principles, Required Material Properties, Design Examples
Topic 2: Improvement of Existing Bridges Using UHPFRC
Topic 3: Fatigue Behaviour of UHPFRC, Shear Strength

Professor Eugen Brühwiler

Eugen Brühwiler's activities as a Professor of Structural Engineering at the Swiss Federal Institute of Technology (EPFL) in Lausanne, Switzerland, include existing civil structures, in particular bridges of high cultural value, the fatigue, dynamic and structural behavior of bridges as well as Ultra-High Performance Fiber Reinforced cement-based Composites (UHPFRC) for the rehabilitation and strengthening of bridges and buildings. This UHPFRC technology is based on 15 years of research and 10 years of applications mostly in Switzerland.

PROGRAMME

Monday, January 5, 14:30 – 16:00

Design and Construction with UHPFRC: Design Principles, Required Material Properties, Design Examples

Tuesday, January 6, 09:30 – 11:00

Improvement of Existing Bridges Using UHPFRC

Wednesday, January 7, 09:30 – 11:00

Fatigue Behavior of UHPFRC, Shear Strength

Organized by:

Sustainable and Innovative Bridge
Engineering Research Center

