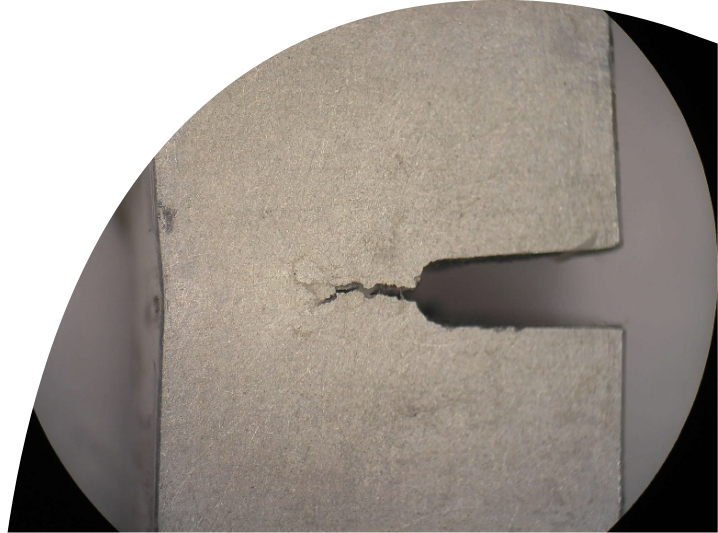
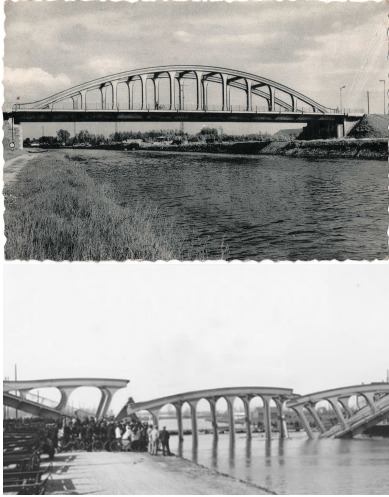


## **Webinar 4 November 2025 (14.00-16.00)**



### **How to properly select the steel grade concerning toughness requirements and how to extend the fatigue life of steel and steel composite bridges**

This webinar focuses on toughness and steel grade selection in prEN1993-1-10 and possibilities of HFMI, included now in prEN 1993-1-9.

**Moderator: prof. Pavel Ryjáček, CTU in Prague**

- The webinar is free of charge.
- Certificates of the attendance will be issued on request for evidence of continuous professional development.
- The registration is necessary :  
[https://us06web.zoom.us/webinar/register/WN\\_KdF7JNQdTfSDp-v8sbtncg](https://us06web.zoom.us/webinar/register/WN_KdF7JNQdTfSDp-v8sbtncg)





EUROPEAN CONVENTION  
FOR CONSTRUCTIONAL STEELWORK  
**Bridge Committee**

**How to properly select the steel grade concerning  
toughness requirements and how to extend the fatigue life  
of steel and steel composite bridges**

**Programme**

14.00	Welcome and Introduction ( <i>Pavel Ryjáček &amp; Véronique Dehan, ECCS</i> )
14.05	Choice of steel grade concerning toughness requirements: Background and TTV tool demonstration ( <b>Mike Tibolt &amp; Francesco Profico</b> , ArcelorMittal)
14.30	The principles and influence of HFMI on the design and optimization of road bridges, with a case study ( <b>Mohammad Al-Emrani</b> , Chalmers University of Technology)
14.55	HFMI for Fatigue Life Extension: Guidelines, Digital QA, and Bridge Applications ( <b>Zuheir Barsoum</b> , KTH Royal Institute of Technology)
15.20	The development and changes in prEN1993-1-10 ( <b>Bertram Kühn</b> , Technische Hochschule Mittelhessen)
15.45	Q&A
16.00	Close