

BAUHAUS SUMMER SCHOOL 2017

ENGINEERING | ENVIRONMENT

GÁBOR NÉMETH

born on 24.03.1993

in Budapest, Hungary

attended the specialised course »FORECAST
ENGINEERING: FROM PAST DESIGN TO FUTURE
DECISIONS« from 20 August – 01 September 2017.

Duration: 10 days / ca. 80 contact hours

Credit Points (ECTS): 4

Project: »Wind-induced Vibrations of Long-Span
Bridges«

The following topics were addressed:

- Assessment of existing buildings and structures under dynamic and extreme actions by using modern information and sensor technology;
- Methods for the determination of residual capacity, capacity limits and safety tolerances;
- Experience and performance based design concepts for structures under changing environmental conditions;
- Elaboration of interdisciplinary cooperation needs to solve complex engineering technically challenging tasks.

Weimar, 01 September 2017

Prof. Dr. Jutta Emes

*Vice-President of Internationalisation and
Digitisation*



Bauhaus-Universität Weimar