



Budapest University of Technology and Economics
Department of Structural Engineering

ATHENS PROGRAM

Course BME 4: Danube Bridges in Budapest

Technical program

March 17, 2014 – Monday

10.30 – 12.30	K372	Opening the Course; <i>Lecture 1</i> History of Budapest Danube bridges	Prof. L. Dunai
14.15 – 17.00	K372	<i>Lecture 2</i> Types of bridges	Dr. L. Hegedűs
17.15 – 18.00	K372	<i>Lecture 3</i> Introduction of bridge design software	Á. Zsarnóczay
18.15 – 20.00	Kmf21	<i>Practice 1</i> Application of design software	Á. Zsarnóczay

March 18, 2014 – Tuesday

09.00 – 16.00 Tour to the Danube bridges by ship

March 19, 2014 – Wednesday

08.30 – 10.00	Kf86	<i>Lecture 4</i> Aesthetic and constructional bridge design	Prof. Gy. Farkas
10.15 – 12.00	Kf86	<i>Lecture 5</i> Pentele Danube bridge in Dunaújváros	A. Horváth
12.15 – 13.00	Kf86	<i>Lecture 6</i> Optimal bridge design	Á. Zsarnóczay
18.00 – 20.00	Kmf21	<i>Practice 2</i> Bridge design practice 1	Á. Zsarnóczay

March 20, 2014 – Thursday

08.30 – 10.00	Kf86	<i>Lecture 7</i> Megyeri Danube bridge in Budapest	Prof. L. Dunai
10.15 – 12.00	Kf86	<i>Lecture 8</i> Pedestrian imposed vibration of bridges	Dr. L. G. Vigh
18.00 – 20.00	Kmf21	<i>Practice 3</i> Bridge design practice 2	Á. Rózsás

March 21, 2014 – Friday

08.30 – 12.00	Kf86	Test	Á. Zsarnóczay
	Kf86	Presentation of bridge design	Á. Zsarnóczay
12.00 – 13.00	Kf86	Evaluation, closing	Prof. L. Dunai Prof. Gy. Farkas