

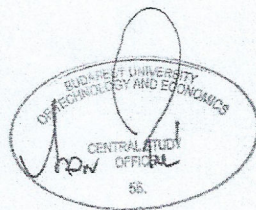
ATHENS

P R O G R A M M E

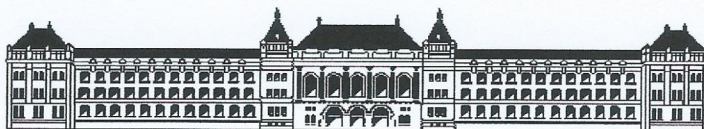
ATHENS CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE CONFIRMS THAT
Pedro Miranda
FROM
Instituto Superior Tecnico Lisboa
PARTICIPATED AS REQUIRED IN THE ATHENS SESSION OF
November 2012.
FOLLOWING THE COURSE
BME4: "Danube Bridges in Budapest"
AT
Budapest University of Technology and Economics.

SIGNED BY



LOCAL COORDINATOR OF THE ATHENS PROGRAMME
Budapest University of Technology and Economics



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. Zsarnóczyay
18.15 – 20.00	Kmf21	<i>Practice 1</i> Application of design software	Á. Zsarnóczyay

March 18, 2014 – Tuesday

09.00 – 16.00		Tour to the Danube bridges by ship	
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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. Zsarnóczyay
18.00 – 20.00	Kmf21	<i>Practice 2</i> Bridge design practice 1	Á. Zsarnóczyay

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