

Ph.D. Course



Applied and Computational Mathematics in Engineering Application

March 20th to 24th, 2017

Course topics: data acquisition, data analysis, and mathematical modeling

sat / sun : Arrival

	mon	tue	wed	thu	fri
09 - 11	Prof. G. Teschke (L)	Prof. G. Teschke (L)	Prof. T. Lahmer (L)	Dr. D. Penava (L)	University Budapest (L)
11 - 12.30	Dr. D. Legatiuk (L)	Prof. I. Pereira (P)	University Ljubljana	Prof. T. Lahmer (P)	University Budapest (P)
14 - 16	Prof. I. Pereira (L)	Prof. N. Lopes (L)	self study	Dr. D. Penava (P)	self study
16 - 17	Dr. D. Legatiuk (P)	Prof. G. Teschke (L)	self study	University Ljubljana (P)	self study

(L) = Lecture (P) = Project

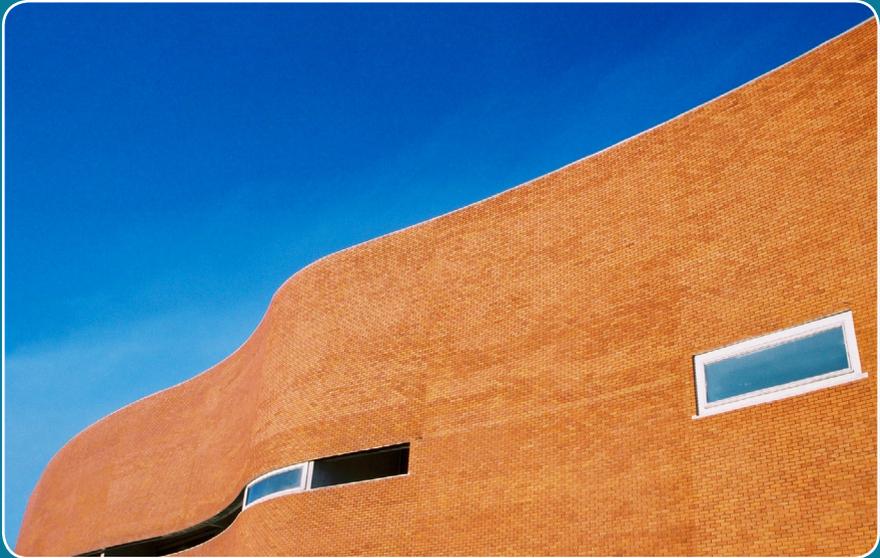
sat / sun : Departure



Strategic Partnerships for Higher Education

www.uni-weimar.de/bauing/erasmus-sp

Traveling



Aveiro can be easily reached from either Porto or Lisbon airports. While Lisbon has a wider range of international flights Porto is a major hub for Ryanair. Aveiro is connected to both Porto and Lisbon by high-speed train (about 2 hours from Lisbon, about 30 minutes from Porto). Both train stations are connected by subway to their respective airports. In case of Porto a suburban train is only marginally slower and quite cheap. Faro airport at the Algarve is further away, but well served with low-cost carriers (mainly from U.K.).

Climate



The Portuguese climate can be described as maritime temperature. It is cool and often rainy in the north, warmer and drier in the south. Average temperatures range between 8 and 14 degrees centigrade in January, while August temperatures vary between 17 and 30 degrees centigrade.

Aveiro enjoys the luxury of a cool sea breeze, even at the hottest times of the year.

Attractions



Aveiro itself is called „Venice of Portugal“ due to its large lagoon. Its costal areas (Barra and Costa Nova) are well-known for their wide and sandy beaches. Most of the beaches are surveilled during summer time. The lagoon and the salt exploration areas are well worth a visit, particularly by moliceiro boat. Nearby Aveiro are Porto and Coimbra. Porto is a commercial town, most famous for its port wine while Coimbra is an old University town. Other nearby places include the forest and palace of Bussaco as well as many picturesque towns in the interior. Due to its proximity to the interchange between the highways A1 and A17 (north-south) and A25 (east-west) it is also the ideal starting point for visiting and exploring the Iberian Peninsula.

University



13600
students
5150
graduated courses



910
professors



90
researchers



300
postdocs



630
Non-teaching
staff



76
nationalities
(campus)



488000
(11500 online)



1100
beds



6
canteens

Target group: PhD students in the fields of civil engineering and mathematics.

Prerequisite for participation in addition to adequate English skills, are the submission of a meaningful motivation letter and an abstract with respect to current personal scientific activity which mediates the interest or the ability to edit the project themes.

After successful completion of this course you will receive a certificate of participation. It will show the course title, the date and duration of the course, the number of contact hours as well as the main contents and topics.

Participants will earn 2 credit points (ECTS).

[Note: Additional ECTS can be earned.

Please contact your local project coordinator.]

Further information:

https://dl.dropboxusercontent.com/u/17825057/Apresentacao%20UA_dez2015_ENG.pdf