



Universidade de Minho
Escola de Engenharia

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News



EEUM visits Timor Lorosa'e

Dili, Timor Lorosa'e, 23rd to 26th April

In the framework of the agreement signed between the University of Minho (UMinho) and the National University of Timor Lorosa'e (UNTL), the President of the EEUM participated in a visit to this institution.

The UMinho delegation travelled to Timor Lorosa'e along with some representatives of the Industrial Association of Minho (AIMinho). The mission started with a meeting with the Timorese Prime Minister, Xanana Gusmão, in which the aspects of the co-operation between the UMinho and the Timorese Ministry of Education, as well as the UNTL, were discussed.

The UMinho delegation participated in the Graduation Ceremony of the UNTL and also in several meetings with the country's governmental entities, in which the collaboration opportunities with Timor Lorosa'e in terms of education, research and industrial co-operation were addressed.

Pioneer research study on Dengue in Cape Verde



A pioneer study on Dengue in Cape Verde, developed by Helena Sofia Rodrigues and Professor Teresa Monteiro, researchers at Algoritmi Research Centre of the EEUM, has been accepted for publication by the renowned journal *Mathematical Population Studies*. The research project which originated the article "Dengue in Cape Verde: vector control and vaccination" aims at finding measures to combat this disease.

Teresa Monteiro, professor at the Department of Production and Systems (DPS) of the EEUM, explains that this research project has "developed vector-host epidemiological models and analysed some possible measures to combat this disease and its consequences in the country, under the theory of optimal control".

Helena Sofia Rodrigues, who is also a student of the Doctoral Programme in Mathematics and Applications (PDMA) of the University of Aveiro (UAveiro) and the UMinho, is developing a thesis entitled "Optimal control and nonlinear programming applied to biological models", under the orientation of Professor Delfim Torres (UAveiro) and Teresa Monteiro (EEUM).

The researchers are authors of the only existing work on the dengue problem in Cape Verde.

Network of Houses of Knowledge presented at UMinho

Largo do Paço, 18^a April



The UMinho, the Centre for Computer Graphics (CCG – interface of the UMinho) and the Municipalities of Paredes de Coura, Vila Verde, Vieira do Minho and Fafe presented the project “Network of Houses of Knowledge” (*Casa do Conhecimento*). The project, which was approved in the framework of the ON.2 – Regional Operational Programme of the North, aims at implementing local agencies of education and research activities of the UMinho in an innovative and integrated approach. These spaces, in which people and technologies collide, will boost the Society of Knowledge and Innovation in the focused region, supporting and developing actions which will benefit citizens thus promoting digital cohesion, info-inclusion and digital literacy. Some of the planned initiatives are courses, e-learning platforms, interactive showcases, creative seminars and technological workshops.

FC Portugal team wins RoboCup championship – 3D Simulation



The FC Portugal team – joint project of the universities of Minho, Aveiro and Porto – won the RoboCup Simulation League 3D at the RoboCup Dutch Open, the European Robotic Soccer Championship, held in Eindhoven, The Netherlands. The Portuguese team scored 52 goals and suffered only one goal.

The FC Portugal team was created in 2000 and has won over 25 international trophies. The project, co-ordinated by Luís Paulo Reis, professor at the Department of Information Systems (DSI) of the EEUM and Nuno Lau, professor at the University of Aveiro, uses the RoboCup competitions to develop research in robot teams co-ordination.

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