



SEMINARIO

Departamento de Sistemas Informáticos y Computación

Facultad de Informática
Universidad Complutense de Madrid

27-10-2010

Iceland: Glaciers, Volcanoes and...
Computer Science!

14:00

Sala de Grados
Facultad de
Informática

Después de la presentación
habrá un pequeño refrigerio
en la Sala de reuniones.

Luca Aceto

Reykjavik University, Iceland

Iceland is a country of breathtaking natural beauty, geothermal activity and volcanoes that, as we all know by now, can disrupt air traffic for many weeks. What is perhaps less known is that, despite its tiny size, the School of Computer Science at Reykjavik University is home to several research groups in computer science and discrete mathematics, whose research has a good level of international recognition.

In the first half of this talk, I'll try to offer my audience a, hopefully entertaining and informative, survey of the research work in computer science that is going on "under the volcano". I will then zoom in on the research topics within the field of *concurrency theory* (the theory of systems that evolve by interacting one with the other, and with their environment) that have fascinated me for the last twenty years and that are being pursued within the research group I co-lead with Anna Ingólfssdóttir, who is also my better half.

Luca Aceto is the recipient of an Abel Extraordinary Chair (NILS mobility project, IMI-UCM) to visit Universidad Complutense de Madrid from 15 October till 15 December 2010.

Luca Aceto received an MSc degree in Computer Science from the University of Pisa (Italy) in 1986 and a DPhil in Computer Science from the University of Sussex (UK) in 1991. He has been a professor of Computer Science at Reykjavik University since November 2004. Before, he held academic positions at the INRIA Sophia Antipolis, Hewlett Packard Pisa Science Center, the University of Sussex, BRICS (Aalborg/Aarhus) and the University of Aalborg. His research work has mainly dealt with topics in concurrency theory, logic in computer science and structural operational semantics. Since 2005, Prof. Aceto has been scientific co-director of the Icelandic Centre of Excellence in Theoretical Computer Science (ICE-TCS).

