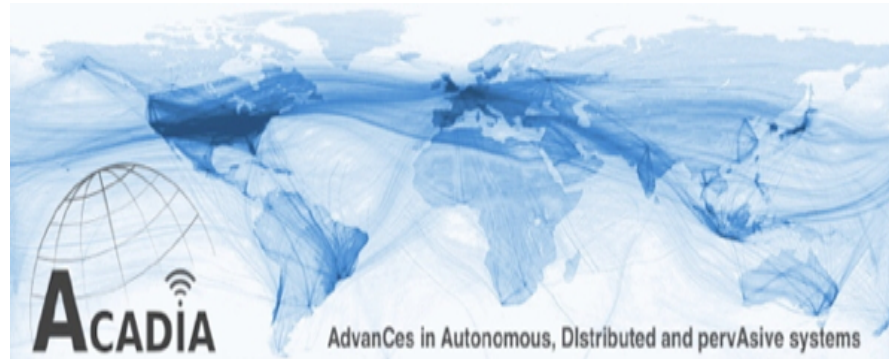


Workshop on mobile agents and robots

January 28th, 2015



Sponsor



Advances in Autonomous, Distributed and Pervasive systems

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The ACADIA Centre focus on:

- the scientific principles and the engineering techniques to **design dependable systems** and build security into their structure;
- the analytical methods to assess the **systems' performance** in terms of indices such as response time, throughput and energy consumption;
- the techniques to **protect the systems'** and networks' resources and information from misuse, and shield its end-users from threats and attacks to the privacy of their sensible data;
- the **statistical methods and models** to extract information and trends from huge, often noisy and incomplete data collections in support of decision making and planning
- the **engineering techniques** for the development of citizen-centric services, environmental monitoring systems, and participatory systems for e-government.

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Web site with information on people, research, seminars, projects ...:

<http://www.dais.unive.it/~acadia/>

For students

In 2015-16, NEW MSc programme (Laurea Magistrale) in Informatica/Computer Science

Two curricula, one per center:

curriculum **Software Dependability and Cyber Security** (ACADIA - AdvanCes in Autonomous, DIstributed and PervAsive systems)

curriculum **Data Management and Analytics** (KIIS - Knowledge, Interaction and Intelligent Systems)

Information will be given soon.

Schedule:

9.30-9.35 Workshop presentation

9.35-10.20 Prof. Evangelos Kranakis Carleton University,
Ottawa, Canada:

"Evacuating Robots from an Unknown Exit in a Disk"

10.25-11.10 Prof. Danny Krizanc, Wesleyan University,
Middletown, CT, U.S.A.:

"The Dynamic Map Visitation Problem: Foremost Coverage
of Time-varying Graphs."

11.10-11.40 coffee break (in the meeting room, 1^o floor)

11.40-12.10 PhD students demos with Lego Mindstorm robots



Nice videos:

<https://www.youtube.com/watch?v=XOpFZG7j5cE>

<http://personalrobotics.stanford.edu/>