June 16, 2016

6th Annual LIPADE Open Day
Computer Science Research Event

The computer science department of the Paris Descartes University, **Laboratory of Informatics Paris Descartes (LIPADE)**, belongs to the Faculty of Mathematics and Computer Science. With its more than 60 members, LIPADE forms a vibrant and international research environment. It is carrying out theoretical and applied research in the areas of intelligent agents and multi-agent systems, machine learning, computer vision and image processing, networks, databases and data analytics. Its members are actively participating in European and French research projects, as well as in collaborations with the industry.

The **LIPADE Open Day** is an annual event, which aims to open the doors of the department to external visitors, showcase the research work being carried out by the students and professors of the department, host invited researchers, and foster a fruitful discussion and exchange of ideas on the current challenges in computer science.

Registration
Please register here (for free):
http://tinyurl.com/lipade
Registration is mandatory for logistics reasons, and includes coffee breaks and lunch buffet.

Event Location
Room Turing Conseil, 7th floor
Université Paris-Descartes - LIPADE
45 rue des Saints-Pères, 75006 Paris
http://lipade.mi.parisdescartes.fr/

Public transport
Métro 4 – Saint Germain des Prés
Métro 10/12 – Sèvres Babylone

Organization and Contacts
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Technical Program of the 6th Annual LIPADE Open Day

June 16, 2016

09h15 – 09h30	Opening: *Pavlos Moraitis (Head of LIPADE)*
09h30 – 10h30 Keynote Talk	Session Chair: *Themis Palpanas* o Nikos Paragios (*CentraleSupelec, Inria, University of Paris-Saclay*) Discrete Inference and Learning of Graphical Models (and their applications in Artificial Vision)
10h30 – 11h00	Coffee Break (buffet)
11h00 – 12h30 Research Session	Session: *Data Processing and Mining* Session Chair: *Soror Sahri* o Ioana Ileana (*Paris Descartes University*) Efficient Query Reformulation Under Constraints: Provenance to the Rescue o Agiles Salah (*Paris Descartes University*) Model-based Co-clustering for High Dimensional Sparse Data o Stéphane Canu (*INSA Rouen, University of Normandy*) Variable selection and outlier detection as a Mixed integer program (MIP) o Volker Beckmann (*CNRS, Paris Diderot University*) What Time Series Tell us about Black Holes in the Universe
12h30 – 13h30	Lunch Break (buffet)
13h30 – 14h30 Poster Session	Student posters
14h30 – 15h30 Keynote Talk	Session Chair: *Pavlos Moraitis* o Francois Pachet (*Sony Computer Science Laboratory*) The Challenges and Opportunities of Creativity Research
15h30 – 16h00	Coffee Break (buffet)
16h00 – 17h30 Research Session	Session: *Networks, Image Analysis and Autonomous Agents* Session Chair: *Jocelyne Elias* o Abderrezak Rachedi (*Université Paris Est Marne La Vallée*) Wireless Multi-Hop Networks: from Quality of Service to Security o Mohamad Ali (*Paris Descartes University*) Distributed Resource Allocation Solutions in Dynamic Coexisting Wireless Body Area Networks o Najib Gadi (*Smiths Detection*) Imaging tools for X-Ray Cargo Inspection Systems o Amal El Fallah Seghrouchni (*Pierre et Marie Curie University*) One more A: Ambiant Autonomous Agents
17h30	Closing: *Pavlos Moraitis (Head of LIPADE)*