

(See program enclosed and copies of the slides on the web site  
<http://www-sop.inria.fr/websites/rei/grece/index.html> )

There have been many presentations showing a very wide spectrum of researches done by the Department of computer science at UOA, but also within other departments.  
We indicate the titles (see the slides for more details) and also some teams in Inria which could collaborate (see the following web site for description of the teams:  
<http://www.inria.fr/en/centre/sophia/research> )

### **Lectures Monday 21 May 2012 :**

1- Emmanuel Mikros (Pharmacie) [mikros@pharm.uoa.gr](mailto:mikros@pharm.uoa.gr)  
Tools for rational drug design

Possible collaborations with ABS

2- Dimitrios Gunupulos ([dg@di.uoa.gr](mailto:dg@di.uoa.gr)) :Data Mining

Possible collaborations with WinMics, Graphik, Zenith

3- Euripides Mrkou (University of Central Greece Lamia) [emarkou@ucg.gr](mailto:emarkou@ucg.gr)  
Graphs and Distributed algorithms

Possible collaborations with Mascotte  
+ Opportunities for bachelors of Lamia to follow the master (M1+M2) at Sophia

4- Alexander Pino: Robotics, assistive technology

Possible collaborations with Stars, Coprin, Arolag (+PAL)

5- Maria Roussou: Human Computer Interaction

Cf REVES, WIMMICS

6- Nicolas Kalouptsidis : Signal Processing

7- Manolis Koubarakis : AI

Possible collaborations with Wimmics and Graphik

8- Jean- Francois Baget : Graphik

9- ANR Stavrakakis (exposé par Merkouris Karaliopoulos) <http://anr.di.uoa.gr/>  
Service placement (content centric Networking)  
Possible collaborations with Planete and Maestro  
+ Discussions of B. Mourrain with the group ERGA (students of I. Emiris)

## Tuesday May 22<sup>nd</sup> 2012

1- Spireta Golemati (Medical School): Carotid Atherosclerosis  
(Image analysis, texture analysis,)

Possible collaborations with Athena and PAL.

2- Manolakos Elias : Computational Biology  
Algorithms and architectures for protein 3D structure comparison

Possible collaborations with ABS (Frédéric Cazals is aware of that)

3- Stathes Hadjiefthymiades : Pervasive computing (sensor networks)  
<http://p-comp.di.uoa.gr/>

Possible collaborations with Maestro (for energy consumption in Wireless networks) and perhaps Stars

4- Evangelos Georgiou and Kostas Loukas (Medical School): Medical physics and simulation

Possible collaborations with Coprin, Lagadic (via Arolag) + CHU Nice simulation center (in collaboration with Reves)

*Note that following the visit, R. Deriche gave a seminar on Wednesday May 23<sup>rd</sup> [http://itmb.di.uoa.gr/research/res\\_seminEng.html](http://itmb.di.uoa.gr/research/res_seminEng.html), and delivered 10 hours of lectures "Computational Brain Imaging" on May 24<sup>th</sup> and 25<sup>th</sup> within the Masters "Information Technologies in Medicine and Biology", Dept. Informatics & Telecoms, University of Athens - (<http://en.uoa.gr/> et <http://www.di.uoa.gr/en/>).*

*Note also the two recent distinctions for the Department of Computer Science at UOA. The Goedel Prize, awarded by ACM and the European Association for Theoretical Computer Science, is shared by Prof. Elias Koutsoupias for his foundational work in Game Theory. See: <http://www.acm.org/press-room/news-releases/2012/goedel-prize-2012>  
An ERC Starting grant (consolidators) in "Sophisticated Program Analysis, Declaratively" goes to Ass. Prof. Ioannis Smaragdakis (1045 KEuro). This is the Department's 4<sup>th</sup> such grant.*

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Along the two days we had many discussions on how to strengthen the cooperation and to understand what each part could bring to the other. Also, there has been discussion between some French researchers and Greek students (for example with grad student Nekataria P. who will come next year in the M2 CBB).

Among the possible actions one concerns the hosting of students (in particular from Greece to Sophia at all levels). For example students in M1 and M2; for 2012 there will be a student of the M2 in Athens in Biological Computing who will come to follow lectures of the master

Computational biology and Biomedicine. Another possibility could be the registration in M1 of a student from Lamia.

One idea consists in organizing, e.g. In March 2013, a visit of students of UOA in their last year of Bachelor (Maîtrise level) for a visit of one week at Sophia-Antipolis.

Exchanges of students during their Thesis or as Postdocs should be encouraged. Visits of one up to 3 months of junior researchers or junior Faculty members can be also a good possibility (e.g. as visiting profs).

Proposals of joint research between UOA and INRIA could be encouraged via a call with funding by INRIA (special COLOR) and by UOA (on the overhead of European contracts currently given back by the University to the Department).