

## Karousatou Christina

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CONTACT INFORMATION	LIF Parc Scientifique et Technologique de Luminy 163, avenue de Luminy - Case 901 F-13288 Marseille Cedex 9 <i>Phone number:</i> +33 7 83 27 15 06 <i>e-mail:</i> christina.karousatou@lif.univ-mrs.fr
CITIZENSHIP	Greek
RESEARCH INTERESTS	Mobile Agent Computing, Distributed / Parallel Computing, Optimization Problems in Optical Networks
EDUCATION	<p><b>Aix-Marseille Université</b>, France</p> <p>Ph.D. Candidate, Computer Science (Distributed Algorithms), ongoing Subject: "Distributed Algorithms for Energy Aware Mobile Agents" Advisors: Shantanu Das, Peter Niebert</p> <p><b>National Technical University of Athens</b>, Athens, Greece</p> <p>M.Sc. in Applied Mathematics (Major: Computer Science), March 2013 GPA: 7.49/10</p> <p>M.Sc. Thesis: "Parallel Computations for the Algebraic Path Problem" (grade 10/10) Advisor: Assistant Prof. Aris Pagourtzis</p> <p><b>University of Crete</b>, Heraklion, Greece</p> <p>Diploma in Applied Mathematics (Major: Computer Science), September 2009 GPA: 6.33/10 (ranked 5<sup>th</sup> out of 17 students)</p>
TEACHING EXPERIENCE	<p><b>Aix-Marseille Université</b></p> <p><b>2016 – 2017</b></p> <p>Teaching Assistant for the following courses:</p> <ul style="list-style-type: none"><li>"Introduction to Informatics and Programming" (1<sup>st</sup> semester) (20 hours TP)</li><li>"Automata and Circuits" (2<sup>nd</sup> semester) (16 hours TP) (24 hours TD)</li></ul> <p><b>School of Electrical &amp; Computer Engineering, NTUA</b></p> <p><b>2010 – 2014</b></p> <p>Teaching Assistant for the following courses:</p> <ul style="list-style-type: none"><li>"Introduction to Programming" (1<sup>st</sup> semester) (4 × 26 hours)</li><li>"Programming Techniques" (2<sup>nd</sup> semester) (2 × 26 hours)</li><li>"Automata and Formal Languages" (6<sup>th</sup> semester) (2 × 26 hours)</li><li>"Computability and Complexity" (8<sup>th</sup> semester) (2 × 26 hours)</li><li>"Network Algorithms and Complexity" (graduate course) (13 hours)</li></ul>

**Applied Mathematics Department, University of Crete**

**2007 – 2008**

Teaching Assistant for the course "Discrete Mathematics" (3<sup>rd</sup> semester) (26 hours)

**TECHNICAL SKILLS** **Programming:** C, Fortran, Pascal, Matlab  
**Applications:** L<sup>A</sup>T<sub>E</sub>X, Microsoft Office  
**Operating Systems:** Microsoft Windows, Linux, OS X

**LANGUAGES** **Greek:** Native speaker  
**English:** fluent writing and speaking skills  
**French:** good writing and speaking skills

**PUBLICATIONS** **International Journals**

S. Das, D. Dereniowski, C. Karousatou: "Collaborative Exploration of Trees by Energy-Constrained Mobile Robots". To be published in Theory of Computing Systems (TOCS)

**International Conferences**

E. Bampas, S. Das, D. Dereniowski, C. Karousatou: "Collaborative Delivery by Energy-Sharing Low-Power Mobile Robots". ALGOSENSORS 2017 (to appear)

S. Das, D. Dereniowski, C. Karousatou: "Collaborative Exploration by Energy-Constrained Mobile Robots". SIROCCO 2015, pp. 357–369

E. Bampas, C. Karousatou, A. Pagourtzis, K. Potika: "Scheduling connections via path and edge multicoloring". ADHOC-NOW 2015, pp. 33–47

**Technical Reports**

E. Bampas, C. Karousatou, A. Pagourtzis: "Routing and Wavelength Assignment in WDM Networks" (in Greek) (to appear)

E. Bampas, C. Karousatou, A. Pagourtzis: "Spectrum Allocation in Flex-Grid Optical Networks" (in Greek) (to appear)