Curriculum Vitæ
Dr. Evangelos Bampas

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1 Personal information

Last name:	Bampas
First name:	Evangelos
Date & place of birth:	April 18th, 1981. Cholargos, Athens, Greece.
Nationality:	Greek
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web:	http://www.lri.fr/~bampas/

2 Education

October 2004 – October 2009 **Ph.D.**

University:	School of Electrical and Computer Engineering, National Technical University of Athens, Greece
Date of defense:	October 12th, 2009
Thesis title:	Routing and wavelength assignment in optical networks
Advisor:	Stathis ZACHOS
Committee:	Timos SELLIS, Georgios KOLETSOS, Aris PAGOURTZIS, Elias KOUTSOUPIAS, Ioannis MILIS, Dimitris FOTAKIS

September 1999 – October 2004 **Engineering Diploma (5-year curriculum, GPA: 8.76/10)**

University:	School of Electrical and Computer Engineering, National Technical University of Athens, Greece
Diploma thesis:	Algorithmic techniques in complexity theory (in Greek)
Supervisor:	Stathis ZACHOS

3 Research interests

Distributed algorithms	mobile agents, rendezvous, exploration, fault tolerance, limited energy, self-stabilization
Communication networks	optical networks, WDM, routing, wavelength assignment, decentralized and noncooperative models
Computability and complexity	counting complexity, computability and complexity models for mobile agents

4 Summary of publications

International journals	12	(Algorithmica, JCSS, IEEE/ACM ToN, Information & Computation, . . .)
International conferences	18	(DISC, LATIN, CIAC, ISAAC, SIROCCO, . . .)
National conferences	3	
Theses	2	

5 Professional positions

September 2018 – now **Temporary teaching and research staff (ATER)**
Laboratoire de Recherche en Informatique (LRI) and Polytech Paris-Saclay, Université Paris-Saclay (formerly Paris-Sud), France

January 2018 – June 2018 **Senior lecturer**
Department of Computer Science, Mathematics, and Environmental Science, The American University of Paris, France

October 2015 – July 2017 **Postdoctoral researcher**
Laboratoire d'Informatique Fondamentale de Marseille (LIF), Aix-Marseille Université, France
funded by a LabEx Archimède postdoctoral fellowship and ANR ANCOR project

April 2014 – September 2015 **Postdoctoral researcher**
Laboratoire Bordelais de Recherche en Informatique (LaBRI), Université de Bordeaux, France
funded by ANR DISPLEXITY: *Distributed Computing: computability and complexity*

August 2012 – March 2014 **Postdoctoral researcher**
School of Electrical and Computer Engineering, National Technical University of Athens, Greece
funded by THALES ALGONOW: *Algorithms of today: Social networks, data streaming, resource allocation and power management in communication and computing systems*

January 2012 – July 2012 **Postdoctoral researcher**
Laboratoire d'Informatique de Paris 6, Université Pierre et Marie Curie (Paris 6), France
funded by ANR SPADES: *Servicing Petascale Architectures and Distributed Systems*

March 2011 – November 2011 **Software engineer**
IT Support Center for the Greek Army, Athens, Greece
note: part of mandatory military service for Greek citizens

November 2009 – October 2010 **Postdoctoral researcher**
Laboratoire Bordelais de Recherche en Informatique, Université de Bordeaux, France
funded by the CEPAGE team-project, INRIA Bordeaux–Sud-Ouest

April 2009 – June 2009 **Research intern**
Laboratoire Bordelais de Recherche en Informatique, Université de Bordeaux, France
funded by the CEPAGE team-project, INRIA Bordeaux–Sud-Ouest

6 Teaching experience

Master in Computer Science, Faculté des sciences d'Orsay, Université Paris-Saclay, France (teaching in French)

- Spring 2018–2019 and 2019–2020: Distributed algorithms (exercises, 21 h in total) – *Master 1*

Master in Business Informatics (MIAGE), Faculté des sciences d'Orsay, Université Paris-Saclay, France (teaching in French)

- Fall 2018–2019 and 2019–2020: Operations research (exercises, 40 h in total) – *Master 1*

Informatics specialization, Polytech Paris-Saclay, France (teaching in French)

- Fall 2018–2019 and 2019–2020: Distributed algorithms (exercises, 20 h in total) – *5^{th} year*
- Fall 2018–2019 and 2019–2020: Theoretical computer science (exercises, 36 h in total) – *4^{th} year*
- Fall 2018–2019 and 2019–2020: C++ programming (practical exercises, 44 h in total) – *4^{th} year*
- Spring 2018–2019: Computer architecture and parallelism (exercises & practical exercises, 14 h) – *4^{th} year*
- Spring 2018–2019 and 2019–2020: UML (exercises, 28 h in total) – *3^{rd} year*

- Spring 2018–2019 and 2019–2020: Operating systems (exercises and practical exercises, 72 h in total) – *3rd year*
- Spring 2018–2019: Graph algorithms (exercises, 12 h) – *3rd year*

Informatics specialization via apprenticeship, Polytech Paris-Sud, France (teaching in French)

- Fall 2019–2020: Advanced networks (practical exercises, 12 h) – *5th year*
- Fall 2019–2020: Networks (exercises & practical exercises, 24 h) – *4th year*
- Fall 2018–2019 and 2019–2020: Operations research (practical exercises, 24 h in total) – *4th year*
- Spring 2018–2019 and 2019–2020: Object-oriented programming (practical exercises, 24 h in total) – *4th year*

Common core, Polytech Paris-Sud, France (teaching in French)

- Fall 2018–2019: Computer science 1 (exercises, 10 h) – *3rd year*

Department of Computer Science, Mathematics and Environmental Science, The American University of Paris, France (teaching in English)

- Spring 2017–2018: Introduction to computer programming I (lectures & practical exercises, 52 h) – *1st year*

Master in Informatics, UFR Sciences, Aix-Marseille Université, France (teaching in French)

- Spring 2016–2017: Distributed algorithms (exercises & practical exercises, 14 h) – *Master 1*

Bachelor in Informatics, UFR Sciences, Aix-Marseille Université, France (teaching in French)

- Spring 2016–2017: Programming (exercises & practical exercises, 40 h) – *1st year*
- Fall 2016–2017: Introduction to computer science and programming (practical exercises, 20 h) – *1st year*

Informatics specialization, ENSEIRB-MATMECA, Bordeaux INP, France (teaching in English)

- Fall 2015–2016: Communication and routing (lectures, 3 h) – *5th year*

Applied Mathematics specialization, School of Applied Mathematics and Physical Sciences, National Technical University of Athens, Greece (teaching in Greek)

- Fall 2005–2006: Algorithms and complexity (lectures, 13 h) – *4th year*

Common core, School of Electrical & Computer Engineering, National Technical University of Athens, Greece (teaching in Greek)

- Spring 2003–2004, 2004–2005, and 2005–2006: Programming techniques (practical exercises, 78 h in total) – *1st year*
- Fall 2003–2004, 2004–2005, 2005–2006, and 2006–2007: Computer programming (practical exercises, 104 h in total) – *1st year*

7 Research projects

2015 – 2018 **ANCOR**
Algorithms for Energy-Constrained Micro-Robots
Agence Nationale de la Recherche (ANR), France and Swiss National Science Foundation (SNSF), Switzerland
Participants: LIF (U. Aix-Marseille), ETH Zürich

2013 – 2017 **MACARON**
Moving and Computing: Agents, Robots, and Networks
Agence Nationale de la Recherche (ANR), France
Participants: LIF (U. Aix-Marseille), LaBRI (U. Bordeaux)

2012 – 2015 **DISPLEXITY**
Distributed Computing: computability and complexity
Agence Nationale de la Recherche (ANR), France
Participants: LaBRI (U. Bordeaux), LIAFA (U. Paris 7), IRISA (U. Rennes)

2012 – 2015 **ALGONOW**
Algorithms of today: Social networks, data streaming, resource allocation and power management in communication and computing systems
European Social Fund and Greek national resources
Participants: National Technical University of Athens, National and Kapodistrian University of Athens, Athens University of Economics and Business

2008 – 2011 **SPADES**
Servicing Petascale Architectures and Distributed Systems
Agence Nationale de la Recherche (ANR), France
Participants: LIP-INRIA, CERFACS, CNRS-IN2P3 LAL, INRIA Saclay, LIG, CC-IN2P3, MIS-UPJV, MYRIADS-INRIA Rennes

2007 – 2011 **ALADDIN**
Algorithm Design and Analysis for Implicitly and Incompletely Defined Interaction Networks
Agence Nationale de la Recherche (ANR), France
Participants: LIAFA, LaBRI, CEPAGE-INRIA Bordeaux, GANG-INRIA Rocquencourt

2006 – 2008 **Optimization problems in computer and communication networks**
Theoretical foundations, design of efficient algorithms and development of experimental software
General Secretariat of Research and Technology, Greece
Participants: National Technical University of Athens, National and Kapodistrian University of Athens, Athens University of Economics and Business

8 Research visits

July 2019
Department of Mathematics, TU Darmstadt, Germany. Optimization Research Group, hosts: Prof. Dr. Yann Disser and Dr. Christina Karousatou.

October 2017 – December 2017
Laboratoire d'Informatique de Paris 6 (LIP6), Université Pierre et Marie Curie (Paris 6), France. Operations Research team, host: Prof. Evripidis Bampis.

December 2015
Laboratoire Bordelais de Recherche en Informatique (LaBRI), Université de Bordeaux, France. Combinatorics and Algorithms team (Distributed Algorithms group), hosts: Dr. Ralf Klasing and Dr. David Ilcinkas.

9 Fellowships

October 2015 – September 2016 **Postdoctoral fellowship from the Laboratoire d'Excellence (LabEx) Archimède**

Host institution: Laboratoire d'Informatique Fondamentale de Marseille (LIF), Aix-Marseille Université, France

November 2009 – October 2010 **Postdoctoral fellowship from INRIA Bordeaux–Sud-Ouest, CEPAGE team-project**

Host institution: Laboratoire Bordelais de Recherche en Informatique (LaBRI), Université de Bordeaux, France

January 2006 – December 2008 **Fellowship for Ph.D. studies from the Greek General Secretariat for Research and Technology**

Host institution: National Technical University of Athens, Greece

10 Academic service

International journal referee:

- Theory of Computing Systems
- Ad Hoc Networks
- Internet Mathematics
- Theoretical Computer Science
- Optical Switching and Networking
- Distributed Computing
- Information Processing Letters
- Discrete Applied Mathematics
- Journal of Computer and System Sciences
- Fundamenta Informaticae

International conference referee:

- Computability in Europe (CiE)
- Workshop on Approximation and Online Algorithms (WAOA)
- International Workshop on Graph-Theoretic Concepts in Computer Science (WG)
- Balkan Conference in Informatics (BCI)
- International Symposium on Mathematical Foundations of Computer Science (MFCS)
- ACM SIGACT/SIGMOBILE International Workshop on Foundations of Mobile Computing (DIALM-POMC)
- International Symposium on Theoretical Aspects of Computer Science (STACS)
- International Conference on Fun with Algorithms (FUN)
- International Colloquium on Structural Information and Communication Complexity (SIROCCO)
- Latin American Theoretical Informatics Symposium (LATIN)
- International Conference on Algorithms and Complexity (CIAC)
- ACM Symposium on Principles of Distributed Computing (PODC)
- International Symposium on Distributed Computing (DISC)
- International Workshop on Combinatorial Algorithms (IWOCA)
- International Symposium on Algorithms and Experiments for Wireless Sensor Networks (ALGOSENSORS)
- International Conference on Principles of Distributed Systems (OPODIS)
- International Conference on Distributed Computing and Networking (ICDCN)
- International Colloquium on Automata, Languages, and Programming (ICALP)
- European Symposium on Algorithms (ESA)

- International Symposium on Fundamentals of Computation (FCT)
- International Conference and Workshops on Algorithms and Computation (WALCOM)
- International Symposium on Alorithms and Computation (ISAAC)
- International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM)

National conference referee:

- Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications (AlgoTel)

Program committee member:

- 14th International Conference on Ad Hoc Networks and Wireless–special track on Distributed Computing with Mobile Agents (ADHOC-NOW 2015, Athens, Greece)
- 15th International Conference on Ad Hoc Networks and Wireless (ADHOC-NOW 2016, Lille, France)
- 14th International Symposium on Pervasive Systems, Algorithms, and Networks (I-SPAN 2017, Exeter, UK).
- 13th International Symposium on Algorithms and Experiments for Wireless Networks (ALGOSENSORS 2017, Vienna, Austria – part of ALGO 2017 congress).

Organizing committee member:

- 24th International Colloquium on Structural Information and Communication Complexity (SIROCCO 2017, Porquerolles, France)

Involvement in conference and colloquia organization:

- 1st Athens Colloquium on Algorithms and Complexity (ACAC 2006, Athens, Greece)
- 2nd Athens Colloquium on Algorithms and Complexity (ACAC 2007, Athens, Greece)
- 37th International Colloquium on Automata, Languages and Programming (ICALP 2010, Bordeaux, France)
- 7th meeting of ANR DISPLEXITY project (2014, Cognac, France)

11 Languages

Greek	**Native speaker**
English	**Excellent**. 1997: Cambridge Certificate of Proficiency in English (CPE), grade A
French	**Very good**. 1995: Diplôme d'Études en Langue Française: DELF 1er degré (DELF B2), mention assez bien

October 2014 – September 2015: Formation "Français Langue Étrangère", organized by INSERM Bordeaux and offered to staff members of the University of Bordeaux.

12 Publications

International journals (peer-reviewed)

[J12] Evangelos Bampas, Jurek Czyzowicz, David Ilcinkas, and Ralf Klasing: *Beachcombing on strips and islands*. Theoretical Computer Science 806, 236–255 (2020).

[J11] Evangelos Bampas, Lélia Blin, Jurek Czyzowicz, David Ilcinkas, Arnaud Labourel, Maria Potop-Butucaru, and Sébastien Tixeuil: *On asynchronous rendezvous in general graphs*. Theoretical Computer Science 753, 80–90 (2019).

[J10] Evangelos Bampas, Jurek Czyzowicz, Leszek Gąsieniec, David Ilcinkas, Ralf Klasing, Tomasz Kociumaka, and Dominik Pająk: *Linear search by a pair of distinct-speed robots*. Algorithmica 81(1), 317–342 (2019).

[J9] Evangelos Bampas, Christina Karousatou, Aris Pagourtzis, and Katerina Potika: *Minimum multiplicity edge coloring via orientation*. Discrete Applied Mathematics 247, 380–388 (2018).

[J8] Evangelos Bampas and David Ilcinkas: *On mobile agent verifiable problems*. Information and Computation 260, 51–71 (2018).

[J7] Evangelos Bampas, Christina Karousatou, Aris Pagourtzis, and Katerina Potika: *Path multicoloring in spider graphs with even color multiplicity*. Information Processing Letters 133, 1–4 (2018).

[J6] Evangelos Bampas, Leszek Gąsieniec, Nicolas Hanusse, David Ilcinkas, Ralf Klasing, Adrian Kosowski, and Tomasz Radzik: *Robustness of the rotor-router mechanism*. Algorithmica 78(3), 869–895 (2017).

[J5] Evangelos Bampas, Andreas-Nikolas Göbel, Aris Pagourtzis, and Aris Tentes: *On the connection between interval size functions and path counting*. Computational Complexity 26(2), 421–467 (2017).

[J4] Evangelos Bampas, Nikos Leonardos, Euripides Markou, Aris Pagourtzis, and Matoula Petrolia: *Improved Periodic Data Retrieval in asynchronous rings with a faulty host*. Theoretical Computer Science 608, 231–254 (2015).

[J3] Evangelos Bampas, Davide Bilò, Guido Drovandi, Luciano Gualà, Ralf Klasing, and Guido Proietti: *Network verification via routing table queries*. Journal of Computer and System Sciences 81(1), 234–248 (2015).

[J2] Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Katerina Potika: *On a noncooperative model for wavelength assignment in multifiber optical networks*. IEEE/ACM Transactions on Networking 20(4), 1125–1137 (2012).

[J1] Evangelos Bampas, Aris Pagourtzis, and Katerina Potika: *An experimental study of maximum profit wavelength assignment in WDM rings*. Networks 57(3), 285–293 (2011).

International conferences (peer-reviewed with published proceedings)

[C18] Andreas Bärtschi, Evangelos Bampas, Jérémie Chalopin, Shantanu Das, Christina Karousatou, and Matúš Mihalák: *Near-gathering of energy-constrained mobile agents*. In Proceedings of SIROCCO 2019–26$^{\text{th}}$ International Colloquium on Structural Information and Communication Complexity (Keren Censor-Hillel and Michele Flammini, eds.), Lecture Notes in Computer Science, vol. 11639, Springer, 2019, pp. 52–65.

[C17] Evangelos Bampas, Shantanu Das, Dariusz Dereniowski, and Christina Karousatou: *Collaborative delivery by energy-sharing low-power mobile robots*. In Proceedings of ALGOSENSORS 2017–13$^{\text{th}}$ International Symposium on Algorithms and Experiments for Wireless Sensor Networks (Antonio Fernández Anta, Tomasz Jurdzinski, Miguel A. Mosteiro, and Yanyong Zhang, eds.), Lecture Notes in Computer Science, vol. 10718, Springer, 2017, pp. 1–12.

[C16] Evangelos Bampas, Jurek Czyzowicz, Leszek Gąsieniec, David Ilcinkas, Ralf Klasing, Tomasz Kociumaka, and Dominik Pająk: *Linear search by a pair of distinct-speed robots*. In Proceedings of SIROCCO 2016–23$^{\text{rd}}$ International Colloquium on Structural Information and Communication Complexity (Jukka Suomela, ed.), Lecture Notes in Computer Science, vol. 9988, Springer, 2016, pp. 195-211.

[C15] Evangelos Bampas and David Ilcinkas: *On mobile agent verifiable problems*. In Proceedings of LATIN 2016–12$^{\text{th}}$ Latin American Theoretical Informatics Symposium (Evangelos Kranakis,

Gonzalo Navarro, and Edgar Chavez, eds.), Lecture Notes in Computer Science, vol. 9644, Springer, 2016, pp. 123–137.

[C14] Evangelos Bampas, Jurek Czyzowicz, David Ilcinkas, and Ralf Klasing: *Beachcombing on strips and islands*. In Proceedings of ALGOSENSORS 2015–11th International Symposium on Algorithms and Experiments for Wireless Sensor Networks (Prosenjit Bose, Leszek Gąsieniec, Kay Römer, and Roger Wattenhofer, eds.), Lecture Notes in Computer Science, vol. 9536, Springer, 2015, pp. 155–168.[1]

[C13] Evangelos Bampas, Christina Karousatou, Aris Pagourtzis, and Katerina Potika: *Scheduling connections via path and edge multicoloring*. In Proceedings of ADHOC-NOW 2015–14th International Conference on Ad-Hoc Networks and Wireless (Symeon Papavassiliou and Stefan Ruehrup, eds.), Lecture Notes in Computer Science, vol. 9143, Springer, 2015, pp. 33–47.

[C12] Evangelos Bampas, Nikos Leonardos, Euripides Markou, Aris Pagourtzis, and Matoula Petrolia: *Improved Periodic Data Retrieval in asynchronous rings with a faulty host*. In Proceedings of SIROCCO 2014–21st International Colloquium on Structural Information and Communication Complexity (Magnus Halldórsson, ed.), Lecture Notes in Computer Science, vol. 8576, Springer, 2014, pp. 355–370.[2]

[C11] Evangelos Bampas, Anissa Lamani, Franck Petit, and Mathieu Valero: *Self-stabilizing balancing algorithm for containment-based trees*. In Proceedings of SSS 2013–15th International Symposium on Stabilization, Safety, and Security of Distributed Systems (Teruo Higashino, Yoshiaki Katayama, Toshimitsu Masuzawa, Maria Potop-Butucaru, and Masafumi Yamashita, eds.), Lecture Notes in Computer Science, vol. 8255, Springer, 2013, pp. 191–205.

[C10] Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Vasilis Syrgkanis: *Selfish resource allocation in optical networks*. In Proceedings of CIAC 2013–8th International Conference on Algorithms and Complexity (Paul G. Spirakis and Maria Serna, eds.), Lecture Notes in Computer Science, vol. 7878, Springer, 2013, pp. 25–36.

[C9] Evangelos Bampas, Davide Bilò, Guido Drovandi, Luciano Gualà, Ralf Klasing, and Guido Proietti: *Network verification via routing table queries*. In Proceedings of SIROCCO 2011–18th International Colloquium on Structural Information and Communication Complexity (Adrian Kosowski and Masafumi Yamashita, eds.), Lecture Notes in Computer Science, vol. 6796, Springer, 2011, pp. 270–281.

[C8] Evangelos Bampas, Jurek Czyzowicz, Leszek Gąsieniec, David Ilcinkas, and Arnaud Labourel: *Almost optimal asynchronous rendezvous in infinite multidimensional grids*. In Proceedings of DISC 2010–24th International Symposium on Distributed Computing (Nancy Lynch and Alexander Shvartsman, eds.), Lecture Notes in Computer Science, vol. 6343, Springer, 2010, pp. 297–311.

[C7] Evangelos Bampas, Leszek Gąsieniec, Ralf Klasing, Adrian Kosowski, and Tomasz Radzik: *Robustness of the rotor-router mechanism*. In Proceedings of OPODIS 2009–13th International Conference on Principles of Distributed Systems (Tarek Abdelzaher, Michel Raynal, and Nicola Santoro, eds.), Lecture Notes in Computer Science, vol. 5923, Springer, 2009, pp. 345–358.

[C6] Evangelos Bampas, Leszek Gąsieniec, Nicolas Hanusse, David Ilcinkas, Ralf Klasing, and Adrian Kosowski: *Euler tour lock-in problem in the rotor-router model (I choose pointers and you choose port numbers)*. In Proceedings of DISC 2009–23rd International Symposium on Distributed Computing (Idit Keidar, ed.), Lecture Notes in Computer Science, vol. 5805, Springer, 2009, pp. 421–433.

[C5] Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Vasileios Syrgkanis: *Colored resource allocation games (extended abstract)*. In Proceedings of CTW 2009–8th Cologne-Twente

[1] [C14] was invited to the special issue of *Theoretical Computer Science* with revised versions of the best papers from ALGOSENSORS 2015 and ALGOSENSORS 2016 (cf. *[J12]*).

[2] [C12] was invited to the special issue of *Theoretical Computer Science* with revised versions of the best papers from SIROCCO 2014 (cf. *[J4]*).

Workshop on Graphs and Combinatorial Optimization (Sonia Cafieri, Antonio Mucherino, Giacomo Nannicini, Fabien Tarissan, and Leo Liberti, eds.), École Polytechnique and CNAM, 2009, pp. 68–72.

[C4] Evangelos Bampas, Andreas-Nikolas Göbel, Aris Pagourtzis, and Aris Tentes: *On the connection between interval size functions and path counting*. In Proceedings of TAMC 2009–6th Annual Conference on Theory and Applications of Models of Computation (Jianer Chen and S. Barry Cooper, eds.), Lecture Notes in Computer Science, vol. 5532, Springer, 2009, pp. 108–117.

[C3] Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Katerina Potika: *On a non-cooperative model for wavelength assignment in multifiber optical networks*. In Proceedings of ISAAC 2008–19th International Symposium on Algorithms and Computation (Seok-Hee Hong, Hiroshi Nagamochi, and Takuro Fukunaga, eds.), Lecture Notes in Computer Science, vol. 5369, Springer, 2008, pp. 159–170.

[C2] Evangelos Bampas, Aris Pagourtzis, and Katerina Potika: *Maximum profit wavelength assignment in WDM rings (extended abstract)*. In Proceedings of CTW 2008–7th Cologne-Twente Workshop on Graphs and Combinatorial Optimization (Giovanni Righini, ed.), University of Milan, 2008, pp. 35–38.

[C1] Evangelos Bampas, Georgia Kaouri, Michael Lampis, and Aris Pagourtzis: *Periodic metro scheduling*. In Proceedings of ATMOS 2006–6th Workshop on Algorithmic Methods and Models for Optimization of Railways (Riko Jacob and Matthias Müller-Hannemann, eds.), OpenAccess Series in Informatics, vol. 5, Schloss Dagstuhl, 2006.

National conferences (peer-reviewed with published proceedings)

[N1] Evangelos Bampas, Aris Pagourtzis, and Katerina Potika: *Maximum request satisfaction in WDM rings: Algorithms and experiments*. In Proceedings of PCI 2007–11th Panhellenic Conference on Informatics (Theodore S. Papatheodorou, Dimitris N. Christodoulakis, and Nikitas N. Karanikolas, eds.), Current Trends in Informatics, vol. A, New Technologies Publications, 2007, pp. 627–642.

National conferences (peer-reviewed, short abstract)

[B2] Evangelos Bampas, Jérémie Chalopin, Shantanu Das, Jan Hackfeld, and Christina Karousatou: *Comment explorer un arbre inconnu avec des agents à énergie limitée ? (Maximal exploration of trees with energy-constrained agents)*. In Proceedings of AlgoTel 2017–19es Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications, hal-01523302, HAL, 2017.

[B1] Evangelos Bampas and David Ilcinkas: *Problèmes vérifiables par agents mobiles (Mobile agent verifiable problems)*. In Proceedings of AlgoTel 2015–17es Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications, hal-01148475, HAL, 2015.

Theses

[T2] Evangelos Bampas: *Routing and wavelength assignment in optical networks*. Ph.D. dissertation PD2009-0055, School of Electrical and Computer Engineering, National Technical University of Athens, Greece, 2009.

[T1] Evangelos Bampas: *Algorithmic techniques in complexity theory*. Diploma thesis DT2004-0171, School of Electrical and Computer Engineering, National Technical University of Athens, Greece, 2004 (in Greek).

Oral communications without proceedings

[O13] *Online maximum tree exploration by energy-constrained mobile agents*. ACAC 2019–Athens Colloquium on Algorithms and Complexity, National Technical University of Athens, Greece

(August 2019). Joint work with Jérémie Chalopin, Shantanu Das, Jan Hackfeld, and Christina Karousatou.

[O12] *Collaborative delivery by robots that can share energy*. ACAC 2017–Athens Colloquium on Algorithms and Complexity, Athens University of Economics and Business, Greece (August 2017). Joint work with Shantanu Das, Dariusz Dereniowski, and Christina Karousatou.

[O11] *Collaborative delivery by robots that can share energy*. MAC 2017–Moving and Computing: Research meeting and school on distributed computing by mobile robots, La Maddalena, Italy (June 2017). Joint work with Shantanu Das, Dariusz Dereniowski, and Christina Karousatou.

[O10] *Distributed decision and verification by mobile agents*. EURO 2016–28$^{\text{th}}$ European Conference on Operational Research, Poznań University of Technology, Poland (July 2016). Invited talk for the Graph Searching stream. Joint work with David Ilcinkas.

[O9] *Beachcombing on strips and islands*. JSL 2016–Journées Scientifiques du LIF, L'Isle-sur-la-Sorgue, France (June 2016). Joint work with Jurek Czyzowicz, David Ilcinkas, and Ralf Klasing.

[O8] *Mobile agents: Evacuation, beachcombing, and computability classes*. ANR DISPLEXITY project meeting, Arcachon, France (September 2015). Based on joint work with Jurek Czyzowicz, Leszek Gąsieniec, David Ilcinkas, Ralf Klasing, Tomasz Kociumaka, and Dominik Pająk.

[O7] *On mobile agent verifiable problems*. ACAC 2015–10$^{\text{th}}$ Athens Colloquium on Algorithms and Complexity, National Technical University of Athens, Greece (August 2015). Joint work with David Ilcinkas.

[O6] *Periodic data retrieval in asynchronous rings with a faulty host*. ANR DISPLEXITY project meeting, Cognac, France (September 2014). Joint work with Nikos Leonardos, Euripides Markou, Aris Pagourtzis, and Matoula Petrolia.

[O5] *Improved periodic data retrieval in asynchronous rings with a faulty host*. Troisièmes journées du GT Complexité et Algorithmes (GDR-IM): Algorithmes naturels, LIAFA, Université Paris-Diderot, Paris, France (September 2014). Joint work with Nikos Leonardos, Euripides Markou, Aris Pagourtzis, and Matoula Petrolia.

[O4] *Progress on periodic data retrieval in asynchronous ring networks with a faulty host*. MAC 2013–Moving and Computing: Research meeting on Distributed Computing by Mobile Robots, Ischia, Italy (July 2013). Joint work with Nikos Leonardos, Euripides Markou, Aris Pagourtzis, and Matoula Petrolia.

[O3] *Robustness of the rotor-router mechanism*. 4$^{\text{e}}$ ANR ALADDIN project meeting, LaBRI, Université de Bordeaux, France (November 2009). Joint work with Leszek Gąsieniec, Ralf Klasing, Adrian Kosowski, and Tomasz Radzik.

[O2] *On a non-cooperative model for wavelength assignment in optical networks*. ACAC 2008–3$^{\text{rd}}$ Athens Colloquium on Algorithms and Complexity, University of Athens, Greece (August 2008). Joint work with Aris Pagourtzis, George Pierrakos, and Katerina Potika.

[O1] *Selfish wavelength assignment in multifiber optical networks*. AAAC 2008–1$^{\text{st}}$ Annual Meeting of the Asian Association for Algorithms and Computation, University of Hong Kong, Pokfulam, Hong Kong (April 2008). Joint work with Aris Pagourtzis, George Pierrakos, and Katerina Potika.