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CURRICULUM VITAE

PERSONAL INFORMATION

Papadakis Charalambos (Harris)

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Sex Male

Date of Birth 30/5/1977

Nationality Greek

Father's Name : Giorgos

Mother's Name: Anthoula

CURRENT POSITION

Assistant Professor
Department of Electronics and Information Engineering
Hellenic Mediterranean University

TEACHING EXPERIENCE

16/2/2004-30/6/2004

Teaching position at IEK of Heraklion
- IEK of Heraklion
- Subject taught «Development of Multimedia on the Internet»
  Total hours : 42

13/10/2004-14/2/2015

Hourly-Wage Teacher at TEI of Crete

Department of Informatics Engineering , Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses:
Parallel processing
Programming.
Hours / week: 12.
Total hours: 204

21/2/2005-15/4/2005

Hourly-Wage Teacher at TEI of Crete

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses:
  Parallel processing
  Hours / week : 2
  Σύνολο ωρών: 34

26/9/2005-13/2/2006

Hourly-Wage Teacher at TEI of Crete

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses:
  Parallel processing
  Hours / week : 2
  Σύνολο ωρών: 38

20/2/2006-30/6/2006	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses: Parallel processing Distributed Systems Hours / week: 8 Total hours: 136
5/3/2007-5/7/2007	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses : Distributed Systems Hours / week : 4 Total hours : 54
1/10/2007-15/2/2008	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses: Parallel processing Hours / week : 5 Total hours : 95
1/3/2010-30/6/2010	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses: Parallel processing Hours / week : 5 Total hours : 51
4/10/2010-18/2/2011	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses: Distributed Internet Applications of Multimedia Operating Systems Digital Design Hours / week : 12 Total hours : 108
28/2/2011-30/6/2011	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses: Parallel processing Operating Systems Network programming Hours / week : 15 Total hours : 225
3/10/2011-17/2/2012	**Hourly-Wage Teacher at TEI of Crete**
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	▪ Teaching theoretical and laboratory courses: Operating Systems Programming Hours / week : 16 Total hours : 240

27/2/2012-30/6/2012	**Hourly-Wage Teacher at TEI of Crete**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses:
  Operating Systems
  Parallel processing
  Hours / week : 13
  Total hours : 195

1/10/2012-17/2/2013	**Hourly-Wage Teacher at TEI of Crete**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses :
  Introduction to Computer Science
  Operating Systems
  Data Structures and Algorithms
  Computer Networks
  Hours / week : 16
  Total hours : 240

18/2/2013-28/6/2013	**Hourly-Wage Teacher at TEI of Crete**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses :
  Parallel processing
  Distributed Systems
  Programming
  Hours / week : 12
  Total hours : 192

1/10/2013-14/2/2014	**Hourly-Wage Teacher at TEI of Crete**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses
  Computer Networks
  Operating Systems
  Special Subjects on Multimedia
  Hours / week : 16
  Total hours : 208

4/3/2014-4/7/2014	**Hourly-Wage Teacher at TEI of Crete**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses
  Parallel processing
  Distributed Systems
  Multimedia Programming
  Hours / week : 12
  Total hours : 192

1/10/2014-13/2/2015	**Hourly-Wage Teacher at TEI of Crete**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Teaching theoretical and laboratory courses
  Distributed Systems and Clouds
  Hours / week : 7
  Total hours : 112

| 23/2/2015-30/6/2015 | **Hourly-Wage Teacher at TEI of Crete** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Teaching theoretical and laboratory courses
  Data Structures
  Computer Networks II
  Parallel Processing
  Hours / week : 12
  Total hours : 192

| 14/10/2015-12/2/2016 | **Hourly-Wage Teacher at TEI of Crete** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Teaching theoretical and laboratory courses
  Distributed Systems and Clouds
  Operating Systems
  Hours / week : 13
  Total hours : 195

| 22/2/2016-30/6/2016 | **Hourly-Wage Teacher at TEI of Crete** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Teaching theoretical and laboratory courses
  Computer Networks II
  Parallel Processing
  Hours / week : 14
  Total hours : 196

| 23/5/2013- 30/6/2013 | **Scientific and Research associate** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Laboratory support of post-graduate courses TEI of Crete, program «Informatics and Multimedia», 1st cycle.

| 15/4/2014-30/6/2014 | **Scientific and Research associate** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Laboratory support of post-graduate courses TEI of Crete, program «Informatics and Multimedia», 2nd cycle.

| 27/3/2015-30/6/2015 | **Scientific and Research associate** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Laboratory support of post-graduate courses TEI of Crete, program «Informatics and Multimedia», 3rd cycle.

| 22/4/2016-30/62016 | **Scientific and Research associate** |
| | Department of Informatics Engineering, Technological and Educational Institute of Crete |

- Laboratory support of post-graduate courses TEI of Crete, program «Informatics and Multimedia», 4th cycle.

| 24/10/2016- 9/2/2018 | **Acquiring Academic Teaching Experience for Young Scientists** |
| | TEI of Crete,
Teaching courses: Distributed Systems and Clouds, Computer Networks II, Parallel Processing |

- Participation in the program " Acquiring Academic Teaching Experience for Young Scientists in TEI of Crete" , code nr: MIS 5001343

27/2/2018-today	• Assistant Professor
	• Department of Electronics and Information Engineering Hellenic Mediterranean University

RESEARCH AND PROFESSIONAL EXPERIENCE

13/7/2000-31/8/2001	System administrator
	Department of Informatics Engineering, Communications & Networks, University of Thessaly
	• system administrator

1/1/2001-30/4/2001	Scientific and Research associate
	Department of Computer Science, University of Crete
	• Participation in the project Icities (IST-1999-11337).

1/10/2011-σήμερα	Scientific and Research associate
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	• Researcher, member of the lab : NETDIL, Multimedia, Networks and Communications of the Department of Informatics Engineering, Technological and Educational Institute of Crete .

1/9/2012-31/8/2013	Scientific and Research associate
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	• Participation in the project Archimedes III: subproject 33: Large scale Distributed Systems

1/11/2013-30/11/2015	Scientific and Research associate
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	• Participation in the project: Archimedes III: subproject 33: Large scale Distributed Systems .

18/7/2013 – 31/10/2013	Scientific and Research associate
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	• Participation in the project: Πρακτική άσκηση φοιτητών ΤΕΙ Κρήτης: Υποέργο 01: Χρηματοδοτήσεις για την πρακτική άσκηση φοιτητών.

23/1/2014-30/9/2015	Scientific and Research associate
	Department of Informatics Engineering, Technological and Educational Institute of Crete
	• Participation in the project : «Open Academic Courses of TEI of Crete»

1/2/2015- σήμερα	Scientific and Research associate
	ATLANTIS group, Computer Technology Institute and Press (CTIP), University of Aegean

- Participation in the project : STORK 2.0: European eID Interoperability Platform.

1/11/2013- 30/9/2016   **Scientific and Research associate**

ATLANTIS group, Computer Technology Institute and Press (CTIP), University of Aegean

- Participation in the project: "Ενιαίο Διαδικτυακό Περιβάλλον Οργανισμών Τοπικής Αυτοδιοίκησης (ΟΤΑ) για την Παροχή Online Υπηρεσιών στους Πολίτες και στις Επιχειρήσεις (Local Government Access Framework)."(LGAF)

1/11/2015- 1/10/2018   **Scientific and Research associate**

ATLANTIS group, Computer Technology Institute and Press (CTIP), University of Aegean

- Design and implementation of pilot software for recording and analyzing Financial Institutions' transactions using blockchain (distributed ledger) over Ethereum.

20/9/2016- 19/9/2017   **Scientific and Research associate**

Department of Informatics Engineering, Technological and Educational Institute of Crete

- Participation in the project: "EMYNOS-Next Generation Emergency Communications"

21/9/2018- today   **Researcher- Teaching Staff**

Hellenic Mediterranean University

- Participation in the project: **«IRES: Καινοτόμες Τεχνολογίες Εξόρυξης και Σύστασης Πληροφορίας για Ηλεκτρονικές Υπηρεσίες και Εμπόριο (Innovative Data Mining and Recommendation Systems Technologies for Electronic Services and Commerce)»**

Επιχείρηση ή κλάδος Ίδρυμα τριτοβάθμιας εκπαίδευσης.

EDUCATION

1/10/1995-1/9/2000   **BSc Diploma**   επίπεδο ΕΠΠ: 6

Department of Computer Science, University of Crete
- Thesis Title: "Improving the communication protocol TCP» . Grade 10/10.
- Diploma grade: 7.23 / 10

1/10/2001-28/4/2004   **MSc Diploma**   επίπεδο ΕΠΠ: 7

Department of Computer Science Engineers and Informatics, University of Patras

- Thesis Title: "Design and Implementation of a Mobile Agent System for the location, registration and dissemination of available Resources in a Grid System"
- Grade: 8.66/10
- Supervisor: Lecturer E.Polychronopoulos

                                                                              επίπεδο ΕΠΠ: 8

1/2/2005-13/9/2011   **PhD Diploma**

Department of Computer Science, University of Crete
- Thesis Title: "Improving routing in unstructured Peer-to-Peer systems"
- Supervisor: Professor E.P.Markatos

SCHOLARSHIPS

1989-1995	Excelled in all gymnasium years and the 1st and 3rd year of High School

2011	Best Paper Award for the paper «H. Papadakis, C. Panagiotakis and P. Fragopoulou, Local Community Finding using Synthetic Coordinates, International Conference on Future Information Technology (FutureTech 2011), 2011».

PROJECT MANAGEMENT

2018-today	Coordinator for the project «Καινοτόμες Τεχνολογίες Εξόρυξης και Σύστασης Πληροφορίας για Ηλεκτρονικές Υπηρεσίες και Εμπόριο (IRES)», ΕΝΙΑΙΑ ΔΡΑΣΗ «ΕΡΕΥΝΩ – ΔΗΜΙΟΥΡΓΩ – ΚΑΙΝΟΤΟΜΩ». Διάρκεια 36 μήνες. Συνολική χρηματοδότηση 463.000 €. Χρηματοδότηση ΕΛΜΕΠΑ 333.000 €.
2020-today	Project head for the project "Visit Planner: Ολοκληρωμένη Υπηρεσία Ενημέρωσης και Σχεδιασμού Περιήγησης και Δραστηριοτήτων για Τουρισμό Κρουαζιέρας βασισμένη σε Υβριδικά Συστήματα Σύστασης Πληροφορίας.(ViP)" , ΕΝΙΑΙΑ ΔΡΑΣΗ «ΕΡΕΥΝΩ – ΔΗΜΙΟΥΡΓΩ – ΚΑΙΝΟΤΟΜΩ». Διάρκεια 30 μήνες. Συνολική χρηματοδότηση 687.000 €. Χρηματοδότηση ΕΛΜΕΠΑ 265.000 €.

MILITARY

2/9/2008-2/9/2009	**Air Force** Served in the Greek Air Force from 2/9/2008 to 2/9/2009

LANGUAGES

Native language	Greek

Λοιπές γλώσσες	UNDERSTANDING		SPEECH		WRITING
	ORAL	READING	COMMUNICATION	ORAL	
English	C1	C1	C1	C1	C1
	Cambridge Proficiency Michigan Proficiency.				
German	A2	A2	A2	A2	A2
	Goethe Zertifikat - Deutsch als Fremdsprache.				

Management Skills	• Supervisor in more than 10 undergraduate thesis. • Head designer and supervisor in large distributed software projects and coordination of the implementation team

PUBLICATIONS

Book Chapters

1. Harris Papadakis, Paolo Trunfio, Domenico Talia and Paraskevi Fragopoulou. Design and Implementation of a Hybrid P2P-based Grid Resource Discovery System. Making Grids Work, Springer, USA, 2008, ISBN: 978-0-387-78447-2.

2. Harris Papadakis, Paolo Trunfio, Domenico Talia and Paraskevi Fragopoulou. An Experimental Evaluation of the DQ-DHT Algorithm in a Grid Information Service. In Grids, P2P and Services Computing, pp.59-72. 2010 http://link.springer.com/chapter/10.1007%2F978-1-4419-6794-7_6

3. Papadakis, H., Fragopoulou, P., Markatos, E.P., Dikaiakos, M., & Labrinidis, A. (2008). Divide et Impera: Partitioning Unstructured Peer-to-Peer Systems to Improve Resource Location. *Achievements in European Research on grid systems.* (pp. 1 - 12), Springer.

4. Papadakis, H., Fragopoulou, P., Markatos, E.P., Athanasopoulos, E., Dikaiakos, M., & Labrinidis, A. (2007). A Feedback-based Approach to reduce Duplicate Messages in Unstructured Peer-to-Peer Systems. Integrated research in Grid Computing. (pp. 103 - 118), Springer. http://www.ics.forth.gr/_publications/adanar_feedback.pdf

5. Agostino Forestiero, Carlo Mastroianni, Harris Papadakis, Paraskevi Fragopoulou, Alberto Troisi, Eugenio Zimeo, A Scalable Architecture for Discovery and Composition in P2P Service Networks. Grid Computing: Achievements and Prospects, pp 97-108. 2008 http://link.springer.com/book/10.1007%2F978-0-387-09457-1

International Journals

1. Harris Papadakis, Paraskevi Fragopoulou, Evangelos P. Markatos, Marios D. Dikaiakos, Alexandros Labrinidis. Hash-Based Overlay Partitioning in Unstructured Peer-to-Peer Systems. In Parallel Processing Letters, 19(1), pp. 57-71, 2009.
Impact Factor: 0.40
http://www.worldscientific.com/doi/abs/10.1142/S0129626409000067

2. Harris Papadakis, Paraskevi Fragopoulou, Marios Dikaiakos, Alexandros Labrinidis and Evangelos Markatos. Divide Et Impera: Partitioning Unstructured Peer-to-Peer Systems to Improve Resource Location. In Parallel Processing Letters, March 2009.
Impact Factor: 0.40
http://link.springer.com/chapter/10.1007%2F978-0-387-72812-4_1

3. D. Zeinalipour-Yazti, H. Papadakis, C. Georgiou, M.D. Dikaiakos, Metadata Ranking and Pruning for Failure Detection in Grids, Parallel Processing Letters Journal (PPL). September 2008.
Impact Factor: 0.40
http://www.worldscientific.com/doi/abs/10.1142/S0129626408003454

4. Paolo Trunfio, Domenico Talia, Paraskevi Fragopoulou, Charis Papadakis, Matteo Mordacchini, Mika Pennanen, Konstantin Popov, Vladimir Vlassov and Seif Haridi: Peer-to-Peer Models for Resource Discovery on Grids. Future Generation Computing Systems (FGCS), Elsevier, 2007.
Impact Factor: 2.43
http://dl.acm.org/citation.cfm?id=1244796

5. Eugenio Zimeo, Alberto Troisi, Harris Papadakis, Paraskevi Fragopoulou, Agostino Forestiero and Carlo Mastroianni. Cooperative Self-Composition and Discovery of Grid Services in P2P Networks. In Parallel Processing Letters, Vol. 18(3):329--346, World Scientific, September 2008.
Impact Factor: 0.40
http://www.worldscientific.com/doi/abs/10.1142/S0129626408003430

6. Harris Papadakis, Mema Roussopoulos, Paraskevi Fragopoulou and Evangelos P. Markatos. ITA: Innocuous Topology Awareness for Unstructured P2P Networks. In IEEE Transactions in Parallel and Distributed Systems (TPDS). 24(8):1589-1601 · August 2013
Impact Factor: 2.66
https://www.researchgate.net/publication/260492480_ITA_Innocuous_Topology_Awareness_for_Unstructured_P2P_Networks

7. C. Panagiotakis, H. Papadakis, E. Grinias, N. Komodakis, P. Fragopoulou and G. Tziritas, Interactive Image Segmentation Based on Synthetic Graph Coordinates, Pattern Recognition, 2013.
Impact Factor: 2.63
http://www.sciencedirect.com/science/article/pii/S003132031300174X

8. H. Papadakis, C. Panagiotakis and P. Fragopoulou, Distributed Community Detection in Complex Networks using Synthetic Coordinates. Journal of Statistical Mechanics, 2014.
Impact Factor: 1.86
http://iopscience.iop.org/article/10.1088/1742-5468/2014/03/P03013

9. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou: Locating communities on graphs with variations in community sizes. The Journal of Supercomputing 65(2): 543-561 (2013).
Impact Factor: 0.91

http://link.springer.com/article/10.1007/s11227-012-0806-6

10. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou, "SCoR: A Synthetic Coordinate based System for Recommendations Expert Systems with Applications, Elsevier, submitted
Impact Factor: 2.98

11. Panagiotakis, C., Papadakis, H. & Fragopoulou, P. Unsupervised and supervised methods for the detection of hurriedly created profiles in recommender systems. *Int. J. Mach. Learn. & Cyber.* **11,** 2165–2179 (2020).
https://doi.org/10.1007/s13042-020-01108-4

12. Panagiotakis C., Papadakis H., Fragopoulou P. (2020) Personalized Video Summarization Based Exclusively on User Preferences. In: Jose J. et al. (eds) Advances in Information Retrieval. ECIR 2020. Lecture Notes in Computer Science, vol 12036. Springer, Cham.
https://doi.org/10.1007/978-3-030-45442-5_38

13. C. Panagiotakis, H. Papadakis and P. Fragopoulou**,** A Dual Hybrid Recommender System based on SCoR and Random Forest, Computer Science and Information Systems, 2020.

International Conferences

1. Harris Papadakis, Paolo Trunfio, Domenico Talia and Paraskevi Fragopoulou. Design and Implementation of a Hybrid P2P-based Grid Resource Discovery System. In Proceedings of the CoreGRID Workshop on Grid Programming Models, Grid and P2P System Architecture, Grid Systems, Tools and Environments. Heraklion, Crete, Greece June 12-13, 2007.
    http://link.springer.com/chapter/10.1007%2F978-0-387-78448-9_7#page-1

2. Charis Papadakis, Paraskevi Fragopoulou, Elias Athanasopoulos, Evangelos Markatos, Marios Dikaiakos and Alexandros Labrinidis: A Feedback Based Approach to Reduce Duplicate Messages in Unstructured Peer-to-Peer Systems. In Integrated Research in GRID Computing, pages 103-118, Springer, 2007. ISBN: 978-0-387-47656-8. http://coregrid.ercim.eu/bibadmin-0.5/show57fa.html

3. Harris Papadakis, Paraskevi Fragopoulou, Marios Dikaiakos, Alexandros Labrinidis and Evangelos Markatos. Divide Et Impera: Partitioning Unstructured Peer-to-Peer Systems to Improve Resource Location. In Proceedings of the 2nd CoreGRID Integration Workshop, October 2006. Also appeared in Achievements in European Research on Grid Systems, pages 1-12. Springer, 2008. ISBN: 978-0-387-72811-7.

4. Harris Papadakis, Mema Roussopoulos, Paraskevi Fragopoulou and Evangelos P. Markatos. 'Imbuing unstructured P2P systems with non-intrusive topology awareness'. In the 9th International Conference on Peer-to-Peer Computing. September 2009, Seattle.
    http://ieeexplore.ieee.org/document/5284549/?reload=true&arnumber=5284549

5. Harris Papadakis, Paolo Trunfio, Domenico Talia and Paraskevi Fragopoulou. An Experimental Evaluation of the DQ-DHT Algorithm in a Grid Information Service. In Proceedings of the CoreGRID ERCIM Working Group Workshop on Grids, P2P and Service Computing. Held in conjunction With EuroPAR 2009, August 2009.
    http://link.springer.com/chapter/10.1007%2F978-1-4419-6794-7_6

6. Agostino Forestiero, Carlo Mastroianni, Harris Papadakis, Paraskevi Fragopoulou, Alberto Troisi, Eugenio Zimeo, A Scalable Architecture for Discovery and Composition in P2P Service Networks, 2008 CoreGRID Integration Workshop, Heraklion-Crete, Greece.
    http://www2.ics.forth.gr/dcs/index_main.php?pbl=DCS&l=g&lab=DCS&year=&pub_subctg=0&pub_ctg=1

7. Kostantin Popov, Harris Papadakis, Paraskevi Fragopoulou, Vladimir Vlassov, "Building Scalable Self-Organizing Grid Services Using P2P Technologies", 3rd CoreGrid Integration Workshop, Krakow, Poland, 2006.
    http://www2.ics.forth.gr/dcs/index_main.php?pbl=DCS&l=g&lab=DCS&year=&pub_subctg=0&pub_ctg=1

8. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou, "Distributed Community Detection: Finding neighborhoods in a complex world using synthetic coordinates". In the Sixteenth IEEE Symposium on Computers and Communications (ISCC 2011), Corfu, Greece, June 28-July 1, 2011.
    http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5983859

9. Andreas Kalaitzakis, Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou, "Community Detection in collaborative Environments: A Comparative Analysis". In the 4th International Conference on Pervasive Technologies Related to Assistive Environments (PETRA 2011), Crete, Greece, 25-27 May 2011.
    http://dl.acm.org/citation.cfm?id=2141634

10. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou, "Local Community Finding using Synthetic Coordinates". In the 2011 International Workshop on Social Computing, Network, and Services (SocialComNet 2011), in the 6th International Conference on Future Information Technology (FutureTech 2011), Crete, Greece, June 28-30, 2011 (best paper award)
    http://link.springer.com/chapter/10.1007%2F978-3-642-22309-9_2#page-1

11. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou. Distributed Community Detection in a complex world using synthetic coordinates, IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, 2013. http://dl.acm.org/citation.cfm?id=2194212

12. Costas Panagiotakis, Harris Papadakis, Paraskevi Fragopoulou. FlowPro: A Flow Propagation Method for Single Community Detection. At the 11th Annual IEEE Consumer Communications and Networking Conference, Las Vegas, 2014. http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6940507

13. Paraskevi Fragopoulou, Costas Panagiotakis, Harris Papadakis: CoViFlowPro: A Community Visualization method based on a Flow Propagation Algorithm. BICT 2014.
    https://www.researchgate.net/publication/301440261_CoViFlowPro_A_Community_Visualization_method_based_on_a_Flow_Propagation_Algorithm

14. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou , "SCCD: Distributed detection of communities based on synthetic coordinates", International Conference on Computational Social Science (ICCSS 2015), 2015. http://www.iccss2015.eu/ICCSS2015_program_www.pdf

15. Andreas Kalaitzakis, Harris Papadakis, Paraskevi Fragopoulou, Evolution of user activity and community formation in an online social network. Proceedings of the 2012 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2012). http://dl.acm.org/citation.cfm?id=2456914

16. Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou, A distributed algorithm for community detection in large graphs. Proceedings of the 2013 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, 2013. http://dl.acm.org/citation.cfm?id=2492578

17. Costas Panagiotakis, Harris Papadakis, Paraskevi Fragopoulou. Local community detection via flow propagation. In IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2015
http://ieeexplore.ieee.org/document/7403526/

18. Papadakis, Harris & Michalakis, Nick & Fragopoulou, Paraskevi & Panagiotakis, Costas & Malamos, Athanasios. (2017). Movie SCoRe: Personalized Movie Recommendation on Mobile Devices. 1-6. 10.1145/3139367.3139383.
https://www.researchgate.net/publication/321399864_Movie_SCoRe_Personalized_Movie_Recommendation _on_Mobile_Devices

19. H. Papadakis, N. Michalakis, P. Fragopoulou and C. Panagiotakis, A Mobile Application for Personalized Movie Recommendations with Dynamic Updates, International Conference on Intelligent Systems, 2018.

20. C. Panagiotakis, H. Papadakis and P. Fragopoulou, Detection of Hurriedly Created Abnormal Profiles in Recommender Systems, International Conference on Intelligent Systems, 2018.

21. Kashevnik, A., Mikhailov, S., Papadakis, H., & Fragopoulou, P. (2019, April). Context-Driven Tour Planning Service: An Approach Based on Synthetic Coordinates Recommendation. In 2019 24th Conference of Open Innovations Association (FRUCT) (pp. 140-147). IEEE.

22. C. Panagiotakis, H. Papadakis and P. Fragopoulou, A User Training Error based Correction Approach combined with the Synthetic Coordinate Recommender System, 28th Conference on User Modeling, Adaptation and Personalization, 2020.

Technical Reports	1. Charis Papadakis, Paraskevi Fragopoulou, Elias Athanasopoulos, Evangelos Markatos, Marios Dikaiakos and Alexandros Labrinidis: A Feedback Based Approach to Reduce Duplicate Messages in Unstructured Peer-to-Peer Systems. CoreGRID Technical Report, Number TR-0029, May 9, 2006
Awards	Harris Papadakis, Costas Panagiotakis, Paraskevi Fragopoulou, **"Local Community Finding using Synthetic Coordinates"**. In the 2011 International Workshop on Social Computing, Network, and Services (SocialComNet 2011), in the 6th International Conference on Future Information Technology (FutureTech 2011), Crete, Greece, June 28-30, 2011 (**best paper award**)
Citations	More than 530 citations according to Google Scholar,, h-index: 8, i10-index: 7. (https://scholar.google.com/citations?user=IHCmebQAAAAJ&hl=en)
Teaching Material	- Lecture notes and lab notes for the course Distributed Systems and Clouds - Lecture notes and lab notes for the course Computer Networks - Lecture notes and lab notes for the course Parallel Processing - Lecture notes and lab notes for the course Distributed Systems and Applications

Reviewer

Journals	▪ Journal of Virtual Worlds Research ▪ Parallel Processing Letters ▪ Journal of Mathematical Problems in Engineering ▪ Journal of Engineering Science and Technology
Conferences	▪ International Conference on Telecommunications and Multimedia (TEMU)
Competitions	▪ Reviewer of projects for the program Supporting Open Source projects of ΕΛ/ΛΑΚ

THESIS SUPERVISIONS

2004-2016	Supervisor in more than 10 undergraduate thesis.

RESEARCH INTERESTS

Parallel and Distributed Systems, Peer to Peer Systems, Computer Networks, Large Scale Distributed Systems, Big Data Mining, Graph analysis, Recommendation Systems, Blockchain Systems