Dr. Athina Bourdena

CONTACT DETAILS

Address: Department of Electrical and Computer Engineering, Hellenic Mediterranean University, Heraklion, Crete, Greece

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EDUCATION

Post-Doctoral Research

Department of Computer Science, University of Nicosia, Cyprus

Post-doctoral research on Information Technology and Networking Data Management. Research under the framework on Eurostars European research project entitled as "Network-Aware Delivery Clouds for User Centric Media Events - DELTA".

Duration: 2014 – 2016

Doctor of Philosophy (Ph.D.)

University of the Aegean, School of Sciences, Department of Information and Communication Systems Engineering, Samos, Greece

Research field: Information Technology for Data Management and Analysis using Game Theory and Auction-based Market Research Approaches.

Degree: Excellent

Duration: 2010 – 2013

School of Pedagogical and Technological Education

Certificate of Pedagogical and Teaching Competence

Degree: 9.2/10

Duration: 2010 – 2011

Master of Science (M.Sc.)

University of Piraeus, Department of Digital Systems, Piraeus, Greece

Field: Information Technology and Digital Systems

Degree: 9.08/10

Duration: 2007 – 2009

Bachelor of Informatics Engineering

Technological Educational Institute of Crete, Department of Informatics Engineering, Heraklion, Crete, Greece

Degree: 7.99/10

Duration: 2003 – 2007

RESEARCH FIELDS

Data management algorithms/frameworks/schemes/mechanisms, data resource optimisation techniques, data analysis for market places, broker-based networks, game theory schemes, auction-based systems, 5G/6G mobile computing, social-oriented mobile cloud schemes, brokering mechanisms, market places for trading/brokering of services over cloud infrastructures, applications in artificial intelligence for businesses.

PUBLICATIONS

Publication in International Scientific Journals and Chapters (Scopus Indexed)

1. E. Pallis, G. Mastorakis, A. Burdena, A. Mehaua, Y. Hadjadj Aoul, "The Use of Novel Satellite Broadcast Technologies for the Provision of Integrated Services", in the book "IP Networking over Next-Generation Satellite Systems", Editors Linghang Fan, Haithan Cruickshank and Zhili Sun, Springer New York, ISBN: 978-0-387-75427-7, December, 2007, pp. 151-156.

2. G. Mastorakis, E. Pallis, V. Zacharopoulos, A. Bourdena, "New Business Strategies and Marketing Opportunities Utilizing a Liberalized Spectrum Management Framework", Transactions on Business and Economics, vol. 8, no. 2, April 2011, pp. 39-49.

3. A. Bourdena, G. Mastorakis, E. Pallis, G. Kormentzas, "A Routing Protocol for Enhanced Efficiency in Cognitive Radio Networks", Journal of Communications and Computers, vol. 10, no 5, May 2013, pp. 675-685.

4. A. Bourdena, P. Makris, D. Skoutas, C. Skianis, G. Kormentzas, E. Pallis, G. Mastorakis, "Joint Radio Resource Management in Cognitive Networks: TV White Spaces Exploitation Paradigm", in the book "Evolution of Cognitive Networks and Self-Adaptive Communication Systems", Editors: Thomas Lagkas, Panagiotis Sarigiannidis, Malamati Louta, Periklis Chatzimisios, June 2013, pp. 50-80.

5. A. Bourdena, E. Pallis, G. Kormentzas, G. Mastorakis, "A prototype cognitive radio architecture for TVWS exploitation under the real time secondary spectrum market policy", Physical Communication, Elsevier, vol. 10, March, 2014, pp. 159-168.

6. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, "Energy Efficient Resource Sharing using a Traffic-oriented Routing Scheme for Cognitive Radio Networks", IET Networks Journal, vol. 3, no.1, March, 2014, pp. 54-63, (2015 Premium Award for Best Paper in IET Networks).

7. A. Andreou, C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, "Adaptive Heuristic-Based P2P Network Connectivity and Configuration for Resource Availability" in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp. 221-240.

8. C. X. Mavromoustakis, C. Dimitriou, G. Mastorakis, A. Bourdena, E. Pallis, "Using Traffic Diversities for Scheduling Wireless Interfaces for Energy Harvesting in Wireless Devices", in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp.481-496.

9. G. Mastorakis, C. X. Mavromoustakis, A. Bourdena, E. Pallis, G. Sismanidis, D. Stratakis, S. Papadakis, "Energy-Efficient Routing in Cognitive Radio Networks", in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp.323-340, 2014.

10. G. Mastorakis, E. Pallis, C. X. Mavromoustakis, A. Bourdena, "Efficient Resource Management Utilizing Content-Aware Multipath Routing", in the book

Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp. 389-395.

11. G. Mastorakis, S. Panagiotakis, K. Kapetanakis, G. Dagalakis, C. X. Mavromoustakis, A. Bourdena, E. Pallis, "Energy and Resource Consumption Evaluation of Mobile Cognitive Radio Devices" in the book Resource Management in Mobile Computing Environments, Springer International Publishing, June, 2014, pp. 359-388.

12. A. Bourdena, E. Pallis, G. Kormentzas, G. Mastorakis, "Efficient Radio Resource Management Algorithms in Opportunistic Cognitive Radio Networks", Emerging Telecommunication Technologies, Wiley, vol. 25, no. 8, 29 August, 2014, pp. 785-797.

13. A. Bourdena, C. X. Mavromoustakis, G. Kormentzas, E. Pallis, G. Mastorakis, Muneer Bani Yassein, "A Resource Intensive Traffic-Aware Scheme using Energy-efficient Routing in Cognitive Radio Networks", Future Generation Computer Systems, Elsevier, vol. 39, October, 2014, pp. 16-28.

14. C. X. Mavromoustakis, P. Mousicou, K. Papanikolaou, G. Mastorakis, A. Bourdena, E. Pallis, "Dynamic cloud resource migration for efficient 3D video processing in mobile computing environments", Book on Novel 3D Media, by Ahmet Kondoz and Tasos Dagiuklas, by Springer International Publishing, October, 2014, pp. 119-134.

15. C .X. Mavromoustakis, A. Bourdena, G. Mastorakis, E. Pallis, G. Kormentzas, "An Energy-Aware Scheme for Efficient Spectrum Utilization in a 5G Mobile Cognitive Radio Network Architecture", Special Issue on Energy Efficient 5G Wireless Technologies, Springer Telecommunication Systems Journal, November, 2014.

16. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, "Efficient Multimedia Services Provision over Cognitive Radio Networks using a Traffic-oriented Routing Scheme", in the book "Multimedia Over Cognitive Radio

Networks: Algorithms, Protocols, and Experiments", Taylor and Francis LLC, CRC Press, December, 2014.

17. C. X. Mavromoustakis, A. Andreou, G. Mastorakis, A. Bourdena, J. M. Batalla, C. Dobre, "On the Performance Evaluation of a Novel Offloading-based Energy Conservation Mechanism for Wireless Devices", in the Book on Mobile "Networks and Management", Springer Intetnational Publishing, 2015.

18. K. Papanikolaou, C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, C. Dobre, "Energy Consumption Optimization using Social Interaction in the Mobile Cloud", in the Book on "Mobile Networks and Management", Springer Intetnational Publishing, 2015.

19. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, "A Resource Intensive Traffic-Aware Scheme using Energy-Efficient Routing in Cognitive Radio Networks", Journal of Information Technology Research, IGI-Global, Volume 8 (1), 2015, pp. 1-24.

20. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, D. Stratakis, E. Perakakis, I. Kopanakis, S. Papadakis, Z. D. Zaharis, C. Skeberis, T. D. Xenos, "A Social-oriented Mobile Cloud Scheme for Optimal Energy Conservation", in the Book on "Resource Management of Mobile Cloud Computing Networks and Environments", IGI-GLOBAL, March, 2015.

21. Y. Kryftis, G. Mastorakis, C. X. Mavromoustakis, J. M. Batalla, A. Bourdena, E. Pallis, "A Resource Prediction Engine for Efficient Multimedia Services Provision", in the Book on "Resource Management of Mobile Cloud Computing Networks and Environments", IGI-GLOBAL, March, 2015.

22. O. Shiakallis, C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, "Traffic-based S-MAC: A novel Scheduling Mechanism for Optimized Throughput in Mobile Peer-to-Peer Systems", International Journal of Wireless Networks and Broadband Technologies, IGI-GLOBAL, 2015, pp. 62-80.

23. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, "Energy-efficient management using a traffic-oriented routing scheme for cognitive radio

networks", International Journal of Network Management, Wiley, Volume 25, Issue 6, November/December 2015, pp. 418–434.

24. A. Bourdena, C. X. Mavromoustakis, G. Mastorakis, J. J. P. C. Rodrigues, C. Dobre, "Using Socio-Spatial Context in Mobile Cloud Process Offloading for Energy Conservation in Wireless Devices", IEEE Transactions on Cloud Computing, no. 99, December, 2015, [Impact Factor 4.382].

25. O. Shiakallis, C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, E. Markakis, C. Dobre, "A Scheduling Scheme for Throughput Optimization in Mobile Peer-to-Peer Networks", in the Book on "Emerging Innovations in Wireless Networks and Broadband Technologies", Editor: Prof. N. Chilamkurti, Publisher: IGI-GLOBAL, March, 2016.

26. E. Markakis, G. Mastorakis, D. Negru, E. Pallis, C. X. Mavromoustakis, A. Bourdena, "A Context-Aware System for Efficient Peer-to-Peer Content Provision", in the Elsevier Book on "Pervasive Computing: Next Generation Platforms for Intelligent Data Collection", Eds.: C. Dobre, F. Xhafa, 2016.

27. G. Alexiou, E. Pallis, G. Mastorakis, E. Markakis, A. Sideris, A. Bourdena, C. X. Mavromoustakis, "A Novel Marketplace for Trading/Brokering Virtual Network Functions over Cloud Infrastructures", in the Book on "Cloud and Fog Computing in 5G Mobile Networks", Eds.: E. Markakis, G. Mastorakis, C. X. Mavromoustakis, E. Pallis, IET, 2017.

28. G. Mastorakis, C. X. Mavromoustakis, E. Pallis, E. Markakis, A. Bourdena, "Intelligent Healthcare: Applications in Artificial Intelligence and 6G mobile networks", Book in Springer, expected in 2023.

Publications in International Scientific Conferences and Workshops (Scopus Indexed)

1. N. Vorniotakis, A. Burdena, E. Markakis, A. Sideris, G. Mastorakis, E. Pallis, V. Zacharopoulos, "Exploiting a unified infrastructure of a fusion networking environment for the support of novel tele-learning applications", in Proc. 8th

International Conference on Computer Based Learning in Science, CBLIS 2007, Heraklion, Greece, 30ᵗʰ June – 6ᵗʰ July, 2007, pp. 243-254.

2. E. Pallis, G. Mastorakis, A. Burdena, A. Mehaua, Y. Hadjadj Aoul, "The use of novel satellite broadcast technologies for the provision of integrated services", in Proc. 16ᵗʰ IST Mobile & Wireless Communications Summit 2007 / International Workshop on IP Networking over Next-generation Satellite Systems (INNSS'07), Budapest, Hungary, 1-5 July, 2007.

3. E. Markakis, A. Sideris, A. Bourdena, G. Mastorakis, E. Pallis, V. Zacharopoulos, "Provision of touristic and archaeological interest services through digital terrestrial television platform", in Proc. Scientific Congress "New Technologies & Marketing", Ierapetra, Crete, Greece, 24-25 May, 2007 (in Greek).

4. A. Bourdena, G. Kormentzas, M. Astrinaki, G. Mastorakis, E. Pallis, V. Zacharopoulos, "Efficient sharing of TV White Spaces utilizing mobile TV networks with a cognitive radio approach", in Proc. International Conference on Telecommunications and Multimedia (TEMU2010), Chania, Crete, Greece, 14-16 July, 2010, pp. 102-109.

5. G. Mastorakis, A. Bourdena, G. Kormentzas, E. Pallis, V. Zacharopoulos, "TV White Spaces exploitation utilizing a Cognitive Radio system based on DVB-H", in Proc. IEEE International Symposium on Computer Networks and Distributed Systems, IEEE CNDS2011, Tehran, Iran, 23-24 February, 2011, pp. 127-130.

6. G. Mastorakis, A. Bourdena, E. Pallis, V. Zacharopoulos, "New Business Strategies and Marketing Opportunities Exploiting TV White Spaces", in Proc. 5ᵗʰ WSEAS International Conference on Management, Marketing and Finances, MMF'11, Meloneras, Gran Canaria, Canary Islands, Spain, 24-26 March, 2011, pp. 145-150.

7. G. Mastorakis, A. Bourdena, K. Mathioudakis, E. Pallis, V. Zacharopoulos, "Interactive Marketing Optimization Utilizing Next Generation Network Technologies", in Proc. 7th International Conference "New Horizons in

Industry, Business and Education", (NHIBE2011), Chios Island, Greece, 25-26 August, 2011, pp. 409-415.

8. G. Mastorakis, I. Kopanakis, A. Bourdena, M. Antonaki, I. Karditsis, "IP Multimedia Subsystem and Interactive Broadcasting Convergence: A Novel Approach Adopted in Interactive Marketing", in Proc. 4th Annual Conference of the EuroMed Academy of Business, Elounda, Crete, Greece, 20-21 October, 2011, pp. 1183-1191.

9. A. Bourdena, E. Pallis, G. Kormentzas, C. Skianis, G. Mastorakis, "Real-Time TVWS Trading Based on a Centralised CR Network Architecture", in Proc. IEEE Globecom2011, IEEE International Workshop on Recent Advances in Cognitive Communications and Networking, Texas, Houston, USA, 05-09 December, 2011, pp. 964-969.

10. A. Bourdena, E. Pallis, G. Kormentzas, G. Mastorakis, "A centralised broker-based CR network architecture for TVWS exploitation under the RTSSM policy", in Proc. 2nd IEEE Workshop on Convergence among Heterogeneous Wireless Systems in Future Internet (CONWIRE 2012), IEEE ICC2012, Ottawa, Canada, 10-15 June, 2012, pp. 5685 - 5689.

11. G. Mastorakis, A. Bourdena, G. Kormentzas, E. Pallis, "Spectrum aware routing in ad-hoc cognitive radio networks", in Proc. IEEE Future Network & Mobile Summit 2012 (FUNEMS2012), Berlin, Germany, 04-06 July, 2012.

12. A. Bourdena, G. Mastorakis, E. Pallis, E. Karditsis, G. Kormentzas, "A radio resource management framework for TVWS exploitation under the RTSSM policy", in Proc. IEEE International Conference on Telecommunications and Multimedia (TEMU2012), Heraklion, Greece, 30 July – 01 August, 2012, pp. 01-06.

13. A. Bourdena, G. Mastorakis, E. Pallis, A. Arvanitis, G. Kormentzas, "A Spectrum Aware Routing Protocol for Public Safety Applications over Cognitive Radio Networks", in Proc. IEEE International Conference on

Telecommunications and Multimedia (TEMU2012), Heraklion, Greece, 30 July – 01 August, 2012, pp. 07-12.

14. A. Bourdena, G. Mastorakis, G. Kormentzas, E. Pallis, "A Spectrum Aware Routing Protocol for Ad-Hoc Cognitive Radio Networks", in Proc. 23rd IEEE International Symposium on Personal Indoor and Mobile Radio Communications (IEEE PIMRC2012), Sydney, Australia, 09-12 September, 2012, pp. 1096 - 1101.

15. A. Bourdena, G. Mastorakis, E. Pallis, A. Arvanitis, G. Kormentzas, "A Dynamic Spectrum Management Framework for Efficient TVWS Exploitation", in Proc. 17th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (IEEE CAMAD2012), Barcelona, Spain, 17-19 September, 2012, pp. 51 - 55.

16. A. Bourdena, G. Mastorakis, E. Pallis, C. X. Mavromoustakis, G. Kormentzas, E. Karditsis, "A Radio Resource Management Framework for Opportunistic TVWS Access", in Proc. 1st ACM Workshop on High Performance Mobile Opportunistic Systems (HP-MOSys 2012), 15th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, in cooperation with R8 IEEE Computer Society C16, Paphos, Cyprus, 21-25 October 2012, pp. 33-38.

17. A. Bourdena, E. Pallis, G. Kormentzas, G. Mastorakis, "A radio resource management framework for TVWS exploitation under an auction-based approach", in Proc. IEEE 8th International Conference on Network and Service Management (IEEE CNSM2012), Las Vegas, USA, 22-26 October, 2012, pp. 204-208.

18. A. Bourdena, E. Pallis, G. Kormentzas, H. Skianis, G. Mastorakis, "QoS provisioning and policy management in a broker-based CR network architecture", in Proc. IEEE Globecom 2012, Anaheim, California, USA, 03-07 December, 2012, pp. 1841-1846.

19. G. Mastorakis, C. X. Mavromoustakis, A. Bourdena, E. Pallis, "An Energy-Efficient Routing Scheme using Backward Traffic Difference Estimation in Cognitive Radio Networks", in Proc. 14th IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (IEEE WoWMoM 2013), 3rd IEEE Workshop on Convergence among Heterogeneous Wireless Systems in Future Internet (CONWIRE 2013), Madrid, Spain, 04-07 June, 2013, pp. 01-06.

20. A. Bourdena, E. Pallis, G. Kormentzas, G. Mastorakis, "Radio Resource Management Algorithms for Efficient QoS Provisioning over Cognitive Radio Networks", in Proc. IEEE International Conference on Communications, IEEE ICC2013, Budapest, Hungary, 09-13 June, 2013.

21. G. Mastorakis, A. Bourdena, C. X. Mavromoustakis, E. Pallis, G. Kormentzas, "An Energy-efficient Routing Protocol for Ad-hoc Cognitive Radio Networks", in Proc. IEEE Future Network & Mobile Summit 2013 (FUNEMS 2013), Lisbon, Portugal, 03-05 July, 2013.

22. G. Mastorakis, C. X. Mavromoustakis, A. Bourdena, G. Kormentzas, E. Pallis, "Maximizing Energy Conservation in a Centralized Cognitive Radio Network Architecture", in Proc. 18th IEEE International Workshop on Computer-Aided Modeling Analysis and Design of Communication Links and Networks (IEEE CAMAD 2013), Berlin, Germany, 25-27 September, 2013.

23. G. Mastorakis, C. X. Mavromoustakis, A. Bourdena, E. Pallis. G. Sismanidis, "Optimizing Radio Resource Management in Energy-Efficient Cognitive Radio Networks", in Proc. 2nd ACM Workshop on High Performance Mobile Opportunistic Systems (HP-MOSys 2013), 16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, in cooperation with R8 IEEE Computer Society C16, Barcelona, Spain, 03-08 November 2013.

24. P. Mousicou, C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis., "Performance Evaluation of Dynamic Cloud Resource Migration Based on Temporal and Capacity-Aware Policy for Efficient Resource Sharing", in Proc. 2nd ACM Workshop on High Performance Mobile Opportunistic Systems (HP-

MOSys 2013), 16th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, in cooperation with R8 IEEE Computer Society C16, Barcelona, Spain, 03-08 November 2013.

25. C. X. Mavromoustakis, G. Mastorakis, S. Papadakis, A. Andreou, A. Bourdena, D. Stratakis, "Energy Consumption Optimization through Pre-scheduled Opportunistic Offloading in Wireless Devices", The Sixth International Conference on Emerging Network Intelligence, EMERGING 2014, August 24 - 28, 2014 - Rome, Italy, pp. 22-28 (best paper invited for journal publication).

26. C. X. Mavromoustakis, A. Andreou, G. Mastorakis, A. Bourdena, J. M. Batalla, C. Dobre, "On the Performance Evaluation of a Novel Offloading-based Energy Conservation Mechanism for Wireless Devices", Proceedings of the 6th International Conference on Mobile Networks and Management (MONAMI 2014), September 22–24, 2014 Wuerzburg, Germany.

27. K. Papanikolaou, C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, C. Dobre, "Energy Consumption Optimization using Social Interaction in the Mobile Cloud", in Proc. of International Workshop on Enhanced Living EnvironMENTs (ELEMENT 2014), 6th International Conference on Mobile Networks and Management (MONAMI 2014), Wuerzburg, Germany, September 2014.

28. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, G. Kormentzas, J. J. P. C. Rodrigues, "Context-oriented Opportunistic Cloud Offload Processing for Energy Conservation in Wireless Devices", in IEEE Globecom 2014-Cloud Computing Systems, Networks, and Applications - Globecom 2014 Workshop - The Second International Workshop on Cloud Computing Systems, Networks, and Applications (CCSNA), GC14, Austin, TX, USA (best paper).

29. C. X. Mavromoustakis, G. Mastorakis, A. Bourdena, E. Pallis, G. Kormentzas, C. Dimitriou, "Joint Energy and Delay-aware Scheme for 5G Mobile Cognitive Radio Networks", in proceedings of IEEE GlobeCom 2014, track Globecom 2014 - Symposium on Selected Areas in Communications: GC14 SAC Green

Communication Systems and Networks - GC14 SAC Green Communication Systems and Networks, Austin, TX, USA.

30. E. Markakis, A. Sideris, G. Alexiou, A. Bourdena, E. Pallis, G. Mastorakis, C. X. Mavromoustakis, "A Virtual Network Functions Brokering Mechanism", International Conference on Telecommunications and Multimedia TEMU 2016, IEEE Communications Society proceedings, Heraklion, Greece, 25-27 July, 2016.

RESEARCH PROJECTS / PROJECT MANAGEMENT

TRUSTEE – HORIZON2020

"Trust and privacy preserving computing platform for cross-border federation of data", HORIZON EUROPE.

Funded by: EC, Duration: January 2023 – December 2026

5D-AEROSAFE – HORIZON2020

"5 services of Drones for increased airports and waterways safety and security", HORIZON2020.

Funded by: EC, Duration: June 2020 – May 2023

SHAPES – HORIZON2020

"Smart & Healthy Ageing through People Engaging in Supportive Systems", HORIZON2020.

Funded by: EC, Duration: November 2019 – October 2023

SPHINX – HORIZON2020

"A Universal Cyber Security Toolkit for Health-Care Industry", HORIZON2020.

Funded by: EC, Duration: January 2019 – December 2021

SMILE – HORIZON2020

"SMart mobILity at the European land borders", HORIZON2020.

Funded by: EC, Duration: July 2017 – June 2020

FORTIKA – HORIZON2020

"Cyber Security Accelerator for trusted SMEs IT Ecosystems", HORIZON2020.

Funded by: EC, Duration: June 2017 – May 2020

EMYNOS – HORIZON2020

"nExt generation eMergencY commuNicatiOnS", HORIZON2020.

Funded by: EC, Duration: September 2016 – March 2018

T-NOVA – FP7

"Network Functions as-a-service over Virtualised Infrastructures", ICT-FP7- 619520.

Funded by: EC, Duration: January 2014 – December 2016

DELTA - EUROSTARS

"Network-Aware Delivery Clouds for User Centric Media Events", ICT-Eurostars.

ALICANTE – FP7

"MediA Ecosystem Deployment through Ubiquitous Content-Aware Network Environments" (ICT-FP7- 248652)

Funded by: EC, Duration: September 2011 – April 2012 & October 2012 – August 2013

COGEU – FP7

"Cognitive radio systems for efficient sharing of TV white spaces in European context" (ICT-FP7-248560-STREP)

Funded by: EC, Duration: January 2010 – December 2012

HURRICANE – FP7

"Handovers for Ubiquitous and optimal bRoadband connectIvity among Cooperative Networking Environments" (FP7-ICT-1-1.1-216006 - STREP).

Funded by: EC, Duration: March 2011 – May 2011

ACADEMIC TEACHING EXPERIENCE

October 2009 – Present: Department of Electrical and Computer Engineering, Hellenic Mediterranean University, Estavromenos, 71500, Heraklion, Crete, Greece. Teaching:

- Wireless Networks
- Interactive Digital Terrestrial Television
- Digital Communications
- Introduction to Telecommunications
- Data Communications
- Multimedia Technologies

October 2009 – February 2010: Department of Commerce and Marketing, Technological Educational Institute of Crete (Ierapetra Branch, 72200, Crete, Greece). Laboratory Associate for

- Computer Networks module