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Biographical Sketch
Dr. Antonios Argyriou

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(a)   Professional Preparation

Georgia Institute of Technology, Atlanta, GA; Electrical & Comp. Engineering; Ph.D., 2005
Georgia Institute of Technology, Atlanta, GA; Electrical & Comp. Engineering; M.S., 2003
Democritus University of Thrace, Greece; Electrical & Comp. Engineering; Diploma, 2001

(b)   Appointments

2015–: **Assistant Professor**, Department of ECE, Univ. of Thessaly, Volos, Greece

2012–2015: **Tenure-Track Lecturer**, Department of ECE, Univ. of Thessaly, Volos, Greece

2010–2011: **Postdoctoral Scholar**, Department of ECE, Univ. of Thessaly, Volos, Greece

2007–2009: **Senior Scientist**, Philips Research, Eindhoven, The Netherlands

2001–2005: **Graduate Res. Assist.**, Georgia Institute of Technology, Atlanta, GA

2004–2005: **Software Engineer**, Sofy.Networks LLC, Atlanta, GA

(c)   Publications

Representative Publications:

1. A.J. Stocker, A. Argyriou, A. Giorgetti, E. Paolini, D.R. Siddle, A. Zeqai, P. Tortora, J. De Vicente, R. Abello, and M. Mercolino, "Simulating the Reliability of Radio Links during Superior Solar Conjunctions", EuCAP 2018.

2. Manos Koutsoubelias, Antonios Argyriou and Spyros Lalis, "Scalable and Adaptive Polling Protocol for Concurrent Wireless Sensor Data Flows", IEEE PerIoT 2018.

3. M. Fida, K. Kousias, A. Lutu, O. Alay, M. Rajiullah, A. Brunstrom, and A. Argyriou, "FLEX-MONROE: A Unified Platform for Experiments under Controlled and Operational LTE Settings", ACM MOBICOM WiNTECH Workshop, Oct. 2017, Snowbird, Utah, USA.

4. D. Kosmanos, L. Maglaras, M. Mavrovouniotis, S. Moschoyiannis, A. Argyriou, A. Maglaras, H. Janicke, "Route Optimization of Electric Vehicles based on Dynamic Wireless Charging", Volume 6, Pages: 42551-42565, *IEEE Access* 2018.

5. Y. Liu, J. Liu, A. Argyriou, S. Ci, "Cross-layer optimized Authentication and Error Control for Wireless 3D Medical Video Streaming over LTE", Volume 46, July 2017, Pages 208–218, Journal of Visual Communication and Image Representation.

Other publications:

1. K. Kousias, C. Midoglu, O. Alay, A. Lutu, A. Argyriou, M. Riegler, "The Same, Only Different: Contrasting Mobile Operator Behavior from CrowdSourced Dataset", IEEE PIMRC 2017.

2. A. Argyriou, "Multi-Source Cooperative Communication with Opportunistic Interference Cancelling Relays", IEEE Transactions on Communications, Vol. 63, Issue 11, November 2015.

3. Argyriou A. and Pandharipande A.," protocol for synchronising data packets collisions in a wireless network", US9497780B2, Date granted by USPTO 2016-11-15.

4. D. Karagiannis and A. Argyriou, "Jamming attack detection in a pair of RF communicating vehicles using unsupervised machine learning", Elsevier Vehicular Communications, Volume 13, July 2018, Pages 56-63.

5. M.A. Ferrag, L. Maglaras, D. Kosmanos, A. Argyriou, H. Janicke, "Security for 4G and 5G cellular networks: A survey of existing authentication and privacy-preserving schemes", Journal of Network and Computer Applications, vol. 101, January 2018, pages 55–82.

(d) Synergistic Activities

1. Editorial Board Member Journal of Communications. Lead Guest Editor: Special Issue on Network Coding and Applications. With Dr. Joerg Widmer (DoCoMO) and Prof. Bob Li (CUHK), 2010. Guest Editor: IEEE Transactions on Multimedia, Special Issue on Quality-Driven Cross-Layer Design for Multimedia Communications. With Song Ci, Haohong Wang, Qian Zhang and Aggelos Katsaggelos, 2009.

2. Reviewer in International Journals (until April 2018): IEEE Transactions on Mobile Computing (19 reviews until today), IEEE Transactions on Communications (15 reviews until today), IEEE Transactions on Wireless Communications (27 reviews until today), IEEE Transactions on Vehicular Technology (29 reviews until today), IEEE Transactions on Multimedia (45 reviews until today), IEEE Transactions on Computers

3. TPC member: Infocom 2019/2020, IEEE Globecom 2010-now, IEEE ICC 2011-now.

4. Symposium Co-Chair: Globecom 2014. Austin, TX. Publicity Chair: Globecom 2010, Miami, Florida and The 18th International Conference on Computer Communications and Networks (ICCCN 2009)

5. Mentoring: I have supervised and succesfully graduated 7 M.Sc. students at UTH and 3 at Philips Research. I have supervised and succesfully graduated 18 diploma theses at UTH. I have been in Ph.D. committees of 7 students, and the M.Sc. committees of 18 students. Currently supervising 3 Ph.D. students (2 about to graduate).