

Theodoros Tsiftsis

Curriculum Vitae

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Personal data

Name Theodoros Tsiftsis
Birth November 9, 1970, Lamia, Greece.
Address School of Intelligent Systems Science & Engineering, Jinan University (Zhuhai Campus), No. 206 Qianshan Road, Zhuhai City, 519070, Guangdong Province, China.
JNU <https://sisse.jnu.edu.cn/f1/6e/c12456a323950/page.htm>
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Education

- 2002–2006 **Ph.D. Diploma in Electrical Engineering**, *School of Electrical & Computer Engineering, University of Patras, Patras, Greece*, PhD Thesis supervised by Profs. Stavros Kotsopoulos & George Karagiannidis, entitled “*Performance Analysis–Optimization of Wireless Relaying Communication Systems*” .
- 1999–2000 **Master in Decision Sciences**, *Athens University of Economics & Business, Athens, Greece*, Master Thesis supervised by Gregorios Prastakos entitled “*Implementation of the IP Telephony in the Greek Market*” .
- 1994–1995 **Master in Digital Systems Engineering**, *Department of Computing & Electrical Engineering, Heriot–Watt University, Scotland, U.K.*, Master Thesis supervised by Dr. Stephen J. Finney entitled “*Digital PWM Generator*” .
- 1989–1993 **Bachelor’s Degree in Physics**, *Department of Physics, Aristotle University of Thessaloniki, Thessaloniki, Greece*.

Positions

- 03/2018–
Present **Professor**, *School of Intelligent Systems Science & Engineering, Jinan University (Zhuhai Campus), Zhuhai, Guangdong Province (China)*.
- 08/2015–
03/2018 **Associate Professor in Communication Technologies [promoted to Full Professor position]**, *Department of Electrical & Computer Engineering, Nazarbayev University (Kazakhstan)*.
- 09/2015
–01/2017 **Adjunct Professor**, *MSc Wireless Communication Systems, Open University of Cyprus (Cyprus)*.
- 06/2015–
08/2015 **Associate Professor**, *Electrical Engineering Department, TEI of Sterea Ellada (merged with University of Thessaly, Greece)*.
- 02/2010–
06/2015 **Assistant Professor**, *Electrical Engineering Department, TEI of Sterea Ellada (merged with University of Thessaly, Greece)*.

- 01/2008 – **Adjunct Lecturer**, *M.Sc. of Electronics & Radioelectrology Physics Department and Department of Informatics & Telecommunications, University of Athens, Athens (Greece).*
- 01/2006 – **Adjunct Professor**, *Department of Computer Science and Biomedical Informatics University of Thessaly, Lamia (Greece).*
- 01/2002 – **Adjunct Lecturer**, *Departments: Electrical Engineering, Electronic Engineering and Informatics, Technological Educational Institute of Lamia [merged with University of Thessaly, Greece] (Greece).*
- 01/2002 – **Public Servant**, *Ministry of Justice (Greece).*
02/2010
- 11/1997 – **Sales/Telecom Engineer/Project Manager**, *Philips Business Communications, Philips Hellas S.A. (subsidiary of Royal Philips Electronics N.V.) Tavros, Athens (Greece).*
01/2002

Research Interests

- Green 5G/6G Technologies
- Reconfigurable Intelligent Surfaces
- Ultra Reliable & Low Latency Communication (URLLC)
- Machine Learning/Deep Learning for Wireless Communications
- Internet of Things (IoT)
- Physical Layer Security
- Wireless Powered Communications
- Optical Wireless (FSO & VLC)

Honors & Awards

- 01/2021 – **IEEE Vehicular Technology Society Distinguished Lecturer (re-appointment).**
06/2022
- June 2019 **Honorary Professor**, *Shandong JiaoTong University, China.*
- 07/2018 – **IEEE Vehicular Technology Society Distinguished Lecturer.**
12/2020
- 2007 **PhD Prize**, *Ericsson award of excellence in Telecommunications, ERICSSON HELLAS S.A.*
- 2004 **Student Travel Award**, *IEEE ComSoc for the conference IEEE Globecom 2004.*
- 1992 **Honors in the Bachelor of Physics**, *Aristotle University of Thessaloniki.*

Research Visits - Invited Research Talks

- 16.03.2021 **Intelligent Metasurface-Assisted Communication for 6G Wireless Networks**, *International lecture series on Techniques of High Frequency Communication, Visvesvaraya National Institute of Technology, Nagpur, India [virtual].*
- 16.03.2021 **Ultra-Reliable Low-Latency Communication in 5G and Beyond**, *International lecture series on Techniques of High Frequency Communication, Visvesvaraya National Institute of Technology, Nagpur, India [virtual].*

- 20 - **Physical Layer Aspects of Ultra-Reliable Low-Latency Communication**, *Spain VTS Chapter*, Winter School on New radio access techniques enabling advanced video applications in 5G, TeamUp5G, Madrid, Spain.
- 22.11.2019
- 16.11.2019 **Physical Layer Aspects of Ultra-Reliable and Low-Latency Communication in 5G Applications and Beyond**, *Keynote Speech*, The 8th IET International Conference on Wireless, Mobile & Multimedia Networks (ICWMMN2019) 15-17 November 2019, Beijing, China .
- 15.10.2019 **Physical Layer Aspects of Ultra-Reliable and Low-Latency Communication in 5G Applications and Beyond** , *Central South University* , Changsha, China.
- 14.10.2019 **Physical Layer Aspects of Ultra-Reliable and Low-Latency Communication in 5G Applications and Beyond** , *Hunan University* , Changsha, China.
- 23.09.2019 **Physical Layer Aspects of Ultra-Reliable and Low-Latency Communication in 5G Applications and Beyond** , *Shandong Jiaotong University* , Jinan City, China.
- 18- **Ultra-Reliable and Low-Latency Communication (URLCC)**, *Shanghai Jiaotong University*, Shanghai, China.
- 19.5.2019
- 16- **Ultra-Reliable and Low-Latency Communication (URLCC)**, *Shanghai University*, Shanghai China.
- 17.5.2019
- 28.3.2019 **Next-Generation Green Cognitive Radio**, *The University of Hong Kong*, Hong Kong.
- 15.3.2019 **Next-Generation Green Cognitive Radio**, *Sun Yat-Sen University*, Guangzhou, China.
- 10.11.2018 **Wireless Powered Cognitive Radio Networks**, *Army Engineering University of PLA*, Nanjing, China.
- 10.11.2018 **Wireless Powered Cognitive Radio Networks**, *Nanjing University of Posts & Telecommunications*, Nanjing, China.
- 22- **Research Visit**, *Metamaterials Modeling and Design Group*, led by Prof. K. Valagiannopoulos, Department, Nazarbayev University, Astana, Kazakhstan.
- 28.10.2018
- 16.5.2018 **Next-Generating Green Cognitive Radio**, *University of Macau*, Macau.
- 06.5.2018 **Next-Generating Green Cognitive Radio**, *New York University Abu Dhabi (NYUAD)*, Abu Dhabi, UAE.
- 23.3.2017 **PHY Technologies for Versatile Wireless Communication Systems**, *Jinan University*, Zhuhai, Guandong, P.R. China.
- 12- **Global Initiative of Academic Networks (GIAN) in Higher Education [GIAN Project]**, *India*.
- 17.12.2016
- 08.11.2016 **Advanced Wireless Communication Technologies: A PHY-Layer Perspective**, *Heriot-Watt University*, Edinburgh, UK.
- 22.3.2016 **Advanced Wireless Communication Technologies: A PHY-Layer Perspective**, *South University of Science & Technology of China*, Shenzhen, China.
- 10.2.2014 **Optical Wireless Communications – An Emerging Technology**, *Invited Expert at EU ICT COST Action IC1101*, Edinburgh, Scotland, U.K.

Academic Administrative Services

- 02/17– **Director of the PhD Studies**, *Chairman of the PhD Program Committee and Director of the PhD studies in Science, Engineering & Technology*, a joint PhD program between School of Engineering (SEng) and School of Science and Technology (SST), Nazarbayev University.
- 03/2018
- 08/16– **MSc Program Coordinator**, *Coordinator for the MSc Program in Electrical and Electronics Engineering*, Department of Electrical and Electronic Engineering, School of Engineering, Nazarbayev University.
- 03/2017
- 01/2016– **PhD Program Coordinator**, *Coordinator for the PhD subprogram in Information and Communication Technologies*, PhD Program in Science, Engineering & Technology, Nazarbayev University.
- 01/2017

Teaching Experience

- 2019-2021 **Jinan University, China**, 08062081 *Principles of Mobile Communications (Theory and Lab)*, 3rd year UG Course.
- 2018-2019 **Jinan University, China**, 08062081 *Principles of Mobile Communications (Theory)*, 3rd year UG Course.
- 2015-2017 **Nazarbayev University, Kazakhstan**, *PhD (EICT), MSc (MEE & EMEM) and BSc (EEE) Courses*, EICT 702-Advanced Communications, EICT 752-Mobile Communications, EMEM528- Information Systems Management, MEE615-Advanced Mobile Communications, MEE607-Advanced Signal Processing, MEE620-Communications, MEE615-Wireless Communications, MEE620-RF and Microwave Communications Systems, EEE435-Advanced Digital Communications, EEE435 Digital Communications.
- 2015-2017 **Open University of Cyprus, Cyprus**, *MSc Course*, SAE511-Digital Communications.
- 2010-2015 **Technological Education Institute (TEI) of Sterea Ellada (merged with University of Thessaly, Greece)**, *BSc Courses*, Introduction to Telecommunications, Signal Theory, Electronics I, Electronics II, Digital Systems, Applied Mathematics.
- 2008-2009 **Technological Educational Institute (TEI) of Lamia, Greece (merged with University of Thessaly, Greece)**, *BSc Courses*, Introduction to Telecommunications, Signal Theory.
- 2007-2009 **M.Sc. of Electronics & Radioelectrology Physics Department and Department of Informatics & Telecommunications, University of Athens, Greece**, *MSc Course (Co-Teaching with Prof. K. Karoubalos)*, Digital Communications I, Digital Communications II.
- 2006-2009 **University of Central Greece (merged with University of Thessaly, Greece)**, *BSc Courses*, Information Theory, Wireless Communication Systems.
- 2001-2005 **Technological Educational Institute (TEI) of Lamia, Greece**, *Adjunct Lecturer & Lab Instructor for BSc Courses*, Computer Architecture, Telecommunications, Mobile Communications, .
- 2002-2006 **University of Patras, Greece**, *Lab Instructor (Co-Teaching) BSc Courses*, Wideband Transmission Systems, Wave Propagation and Antenna Design.

Supervision & Mentoring

Dr. Tsiftsis is a qualified PhD, MSc and MEng Supervisor in China.

PostDoc Students & Research Associates

Feb. 2019– Present **Dr. Nikos Miridakis**, *Distinguished Associate Researcher*, Institute of Physical Internet, Jinan University, Zhuhai, Guangdong China.

Dec. 2015–Sep. 2018 **Dr. Nikos Miridakis**, *Research Area: Cognitive Radio, Wireless Powered Communications and Green Communications*, Piraeus University of Applied Sciences, Greece.

2016–2018 **Dr. Galymzhan Nauryzbayev**, *Research Area: Interference Alignment and MIMO*, Nazarbayev University, Astana, Kazakhstan & Hamid Bin Khalifa University, Doha, Qatar.

PhD Students

08/2015–04/2019 **Sultangali Arzykulov**, *PhD Thesis: Enhanced Cognitive Radio with Energy Harvesting and Non-Orthogonal Multiple Access*, Nazarbayev University, Kazakhstan, PhD Defense date: 10-4-2019.

01/2017–04/2020 **Leila Tlebaldiyeva**, *PhD Thesis: Spectrum sensing/sharing cognitive radio systems with hardware constraints*, Nazarbayev University, Kazakhstan, PhD Defense date: 08-4-2020.

PhD Exam Committees

2011–2016 **Dimitrios Karras**, *PhD Thesis: Efficient Techniques for Securing Wireless Communications Systems*, Aristotle University of Thessaloniki, Greece.

2006–2011 **Taghreed Safaryan**, *PhD Thesis: Design of Ultra-Wide Band Transceivers*, Aristotle University of Thessaloniki, Greece.

PhD External Reviewer

2017 **Rajarajan S.**, *PhD Thesis: Throughput-Reliability Tradeoff Analysis of Multiplexing Oriented Transmission Schemes*, Indian Institute of Technology (IIT) Kharagpur, India.

2016 **C. Liu**, *PhD Thesis: Physical Layer Security in Wireless Communication Systems*, The University of New South Wales (UNSW), Sydney, Australia.

2015 **Parul, P.**, *PhD Thesis: Free-Space Optics: Performance Evaluation of Diversity Techniques*, University of Delhi, India.

2009–2016 **6 PhD Theses**, *Research Area: Physical & MAC layer of wireless communications*, Anna University, India.

MSc Students

2021 **External Supervisor for 3 MSc students at Shandong JiaoTong University, Jinan City, P.R. China.**, *Area: Rate splitting techniques for NOMA*, Main Supervisor: Prof. Hongwu Liu.

2021 **Tian Jiawen**, *Area: Machine Learning for Wireless Communications.*

2021 **Guan Wenwen**, *Area: Machine Learning for Wireless Communications.*

2016 **Omar-Sayan Karabayev**, *MSc Thesis: LTE in Unlicensed Bands: A Rival or Collaborator to WiFi?*, Nazarbayev University, Kazakhstan.

2017 **Arman Tynyshtykbayev**, *MSc Thesis: A Multi-Band Energy Harvesting Module*, Nazarbayev University, Kazakhstan.

2017 **Ruslan Konurbayev**, *MSc Thesis: Performance Analysis of Cognitive Radio Systems under Transceiver Hardware Impairments*, Nazarbayev University, Kazakhstan.

2017 **Rinat Yakupov**, *MSc Thesis: Non-Orthogonal Multiple Access (NOMA) Relaying Communication Systems*, Nazarbayev University, Kazakhstan.

BSc Capstone Projects

- 2019-2020 **Yongtao Lian**, *Performance Analysis of Ultra-Reliable and Low-Latency Communication over Fading Channels*, Jinan University, China.
- 2018-2019 **Jianqiang (Eason) Chen**, *Cognitive Radio Non-Orthogonal Multiple Access Communication Systems, June 2019*, Jinan University, China, (now, MSc. student in The University of Virginia, USA).
- Apr. 2018 - present **Final Year Thesis**, *Supervision of 10 final year undergraduate Theses*, Jinan University, China.
- 2015-2018 **Capstone Projects**, *Supervision of 5 final year undergraduate Capstone Projects*, Nazarbayev University, Kazakhstan.
- 2002-2015 **Capstone Projects**, *Supervision of 20 final year undergraduate Capstone Projects*, Technological Educational Institute of Central Greece, Lamia, Greece).

Research Projects

- 2022-2025 **Core Member, NSFC 2021**, *Title: Research on Theory and Key Technologies of Intelligent Reflecting Surface Assisted Secure Communications*, Budget: RMB 600,000, 01/2022-12/2025.
- 2021-2024 **PI, NSFC 2020**, *Title: Research on Energy Harvesting and Security Communication Based on Power Convergence Metasurface*, Budget: RMB 560,000, 01/2021-12/2024.
- 2019-2021 **Core Member, General Project of Natural Science Foundation of Guangdong Province, 2019A1515012136**, *Title: Research on Physical Layer Security for Ultra-Secure and Reliable IoT Applications*, Duration: 2019/10- 2021/09, Budget: RMB 100,000.
- 2019-2021 **Core Member, Guangdong Science and Technology Plan Project**, *Title: Key Optical Wireless Converged Technologies for Distributed 5G Systems*, Funding Source: Guangdong Province, China, Coordinator: Sun Yat-Sen University, Duration: 1.1.2019 - 31.12.2021, Budget: 30M RMB \approx 4.5M USD.
- 2018-2020 **External Collaborator, NU Small Grant, PI Prof. C. Valagiannopoulos, Physics Dept.**, *Title: Super transmitters, radiators and lenses via photonic synthetic matter, SST2018039*, Duration: 2018/01-2020/12, Budget: USD 150,000.
- 2016-2017 **PI, Social Grant**, *"Energy Harvesting and Information Transfer in Cooperative Cognitive Radio Networks"*, Nazarbayev University, Budget: 10,000 USD.
- 2013-2016 **Key Personnel, Senior Reseacher, 7th Framework Programme for Research, Activity 11-1.1 FutNetw STREP+IP**, *"SOLDER: Spectrum OverLay through aggregation of heterogeneous DispERsed Bands"*, Budget: 2,485,454 EUR.
- 2013-2015 **Framework: NSRF 2007-2013, Action COOPERATION 2011**, *"Fuel consumption reduction in marine power systems through innovative energy recovery management (ECOMARINE)"*, Budget: 2,464,226.50 EUR.
- 2013-2015 **Qatar National Research Fund, National Priorities Research Program**, *"PSPARC: A Framework for Pervasive and Spectrum Aggregating Radio with Cognition"*, Budget: 370,000 USD.

- 2012–2015 **Framework: NSRF 2007–2013, Action COOPERATION 2009**, “Energy Saving in Elevators Systems (LESS)”, Budget: 500,000 EUR.
- 2013–2015 **PI, Framework: NSRF 2007–2013, Action ARCHIMEDES III**, “Interconnection of Distributed Renewable Energy Sources with the public grids (DGRES)”, Budget: 100,000 EUR.
- 2011–2014 **Framework: NSRF 2007–2013, Action HELLENIC CRAFT PROJECT**, “Energy Saving and Harmonic Cancellation for Industrial Loads”, Budget: 361,000 EUR.
- 2007–2009 **General Secretariat of Research & Technology (Bilateral Cooperation Greece–Tunisia)**, “On the study of generalized fading distributions for wireless digital communications”, Budget: 11,740 EUR.
- 2004–2006 **General Secretariat of Research & Technology (Bilateral Cooperation Greece–Poland)**, “Analysis of deployment possibilities of transmit and receive diversity in wireless access systems”, Budget: 11,740 EUR.

Memberships in Professional Societies

- 2018- Present **Active Member**, *IEEE Signal Processing Society*.
- 2018- Present **Active Member**, *IEEE Vehicular Technology Society*.
- 2016-2019 **Member**, *Institute of Electronics, Information & Communications Engineers (IEICE)*.
- 2012-2014 **Member**, *Institute of Engineering Technology (IET)*.
- 2010- Present **Senior Member**, *The Institute of Electrical & Electronics Engineers (IEEE)*.
- 2004-2010 **Member**, *The Institute of Electrical & Electronics Engineers (IEEE)*.
- 2002- Present **Active Member**, *IEEE Communications Society*.
- 2002-2004 **Student Member**, *The Institute of Electrical & Electronics Engineers (IEEE)*.

Professional Activities

Editorial Positions

- 07/2021 – Present **IEEE Transactions on Wireless Communications**, *Editor*.
- 03/2021 – Present **Networks and Communications Section of Frontiers in Computer Science**, *Review Editor*.
- 02/2017 – Present **IEEE Transactions on Mobile Computing**, *Associate Editor*.
- 01/2016 – 01/2021 **IEEE Transactions on Communications**, *Area Editor for Wireless Communications II*.
- 05/2015 – 01/2017 **IEICE Transactions on Communications**, *Associate Editor*.
- 10/2012 – 12/2015 **IEEE Transactions on Communications**, *Associate Editor for Performance Analysis for Wireless Systems*.

- 01/2014 – **IEEE Communications Letters**, *Senior Editor*.
07/2015
- 07/2010 – **IET Communications**, *Associate Editor*.
06/15
- 10/2010 – **IEEE Transactions on Vehicular Technology Editor**, *Associate Editor*.
10/2012
- 07/2010 – **IEEE Communications Letters**, *Associate Editor*.
01/2014

Guest Editorial Positions

- 2021 **Guest Editor**, *Special Issue on “Advanced Signal Processing for local and Private 5G Networks,” IEEE Journal of Selected Topics in Signal Processing.*
- 2018-2019 **Guest Editor**, *Special Issue on “Spatial Modulation in Emerging Wireless Systems,” IEEE Journal on Selected Areas in Communications.*
- 2016-2017 **Lead Guest Editor**, *Special Issue on “Spectrum Sharing and Aggregation for Future Wireless Networks,” 2016 (attracted 174 submissions) – 3 published issues, IEEE Journal on Selected Areas in Communications.*
- 2015 **Editor**, *“Advances in Statistical Channel Modeling for Wireless Communications”, International Journal of Antennas and Propagation.*

International Research Committees

- 01/2018 – **Member**, *National Scientific Council*, Priority direction “National Security and Defense”, Republic of Kazakhstan.
- 02/2014 – **National Expert**, *Appointed as one of the three National Experts for Greece in the EU-HORIZON 2020 Information and Communication Technologies theme 2014-2020*, Greece.
01/2017

IEEE Services

- 09/2017- **Vice-President**, *IEEE Kazakhstan SubSection*.
03/2018

Academic Consultancy

- 28.04.2017 – **External Reviewer**, *Almaty University of Energy and Communications*, Expert Review to the educational program “Telecommunications”, developed within the framework of the bachelor’s degree “5B071900 - Radio Engineering, Electronics and Telecommunications” in English, Almaty, Republic of Kazakhstan.
31.12.2017

Research Projects Evaluator

- European Research Council (ERC)
- King Abdulah University of Science & Technology, Kingdom of Saudi Arabia
- National Foundation for Science and Technology Development (NAFOSTED), Vietnam
- General Secretariat of Research and Technology (GSRT), Greece

Journal Reviewer

Regular reviewer for the following :

- IEEE Transactions on Communications

- IEEE Transactions on Wireless Communications
- IEEE Journal on Selected Areas in Communications
- IEEE Transactions on Mobile Computing
- IEEE Transactions on Signal Processing
- IEEE Transactions on Vehicular Technology
- IEEE Transactions on Information Theory
- IEEE Communications Letters
- IEEE Wireless Communications Letters
- IEEE Signal Processing Letters
- IEEE Access
- IEEE Communications Magazine
- IEEE Surveys & Tutorials
- IEEE/OSA Journal of Lightwave Technology
- IEEE/OSA Journal of Optical Communications and Networking
- IET Communications
- EURASIP Journal of Wireless Communication Networks

Conference Reviewer

Regular reviewer for the following conferences:

- IEEE Global Telecommunications Conference
- IEEE Conference on Communications
- IEEE Vehicular Technology Conference
- IEEE Wireless Communications and Networking Conference
- IEEE International Symposium on Personal, Indoor and Mobile Radio Communications

Technical Program Committee (TPC) & Workshops

- 2022 **Co-Organizer of the Workshop**, *Industrial Private 5G-and-beyond Wireless Networks*, IEEE International Conference on Communications, Seoul, South Korea, 16-20 May 2022.
- 2022 **Co-Chair**, *Symposium on Wireless Communications*, IEEE Globecom 2022, Rio de Janeiro, Brazil.
- 2020 **Co-Chair**, *Track on Spectrum Sharing, Spectrum Management, and Cognitive Radio*, VTC 2020 Spring, Antwerp, Belgium.
- 2018 **Symposium Co-Chair**, *Communication Theory Symposium*, 2018 international conference on wireless communications and signal processing (WCSP 2018), Hangzhou, China, October 18-20, 2018.

- 2018 **Program Chair**, *IEEE Second International Conference on Computing and Network Communications (CoCoNet'18)*, Astana, Kazakhstan.
- 2014 **Co-Chair**, *IEEE VTC-2014, Track Co-Chair: Cooperative Communications, Distributed MIMO and Relaying*.
- 2008-2021 **TPC Member**, *T. A. Tsiftsis has participated in various symposiums in IEEE flagship conferences on Communications: IEEE GLOBECOM: 2008, 2013-2019 — IEEE ICC: 2010, 2011-2020.*

Patents

Granted

- [PG1] Zheng Shi, Guanghua Yang, **Theodoros Tsiftsis**, Shaodan Ma , Ting Qu, "Downlink virtual MIMO-NOMA method based on joint optimization of power and rate". Application number: ZL 201911015106.8. Application Date: 2019.10.24. Authorization date: 2021.6.11, CNIPA

Submitted

- [PS6] Shi Zheng, Yang Guanghua, Dou Qingping, Li Xiaofan, Ma Shaodan, **Theodoros A. Tsiftsis**, Qu Ting. A phase shift design method for intelligent reflective surfaces based on statistical CSI. Application number: 202110756403.9. Application date: July 5, 2021. Accepted
- [PS5] Shi Zheng, Yang Guanghua, Dou Qingping, Li Xiaofan, Ma Shaodan, **Theodoros A. Tsiftsis**, Liu Ning. A short packet transmission method for M2M communication. Application number: 202110756727.2. Application date : July 5, 2021. Accepted
- [PS4] Feng Jiahui, Yang Guanghua, Dou Qingping, Ou Binkai, Ma Shaodan, **Theodoros Tsiftsis**, Liu Ning. An enhanced small cellular downlink communication method based on MIMO-NOMA. Application No.: 202011361675.0, date: 2020.11.27, CNIPA.
- [PS3] Ye Diliao, Wang Wei, Li Xiaojie, Qi Nan, Zhong Junjie, Wang Mei, **Theodoros Tsiftsis**, Huang Zanqi, Yin Zhen, Su Yueyue, Li Yumeng, Wang Kewei. Method for calculating average waiting time of users in communication service mode by relaying data. Application No.: 2020104338351, CNIPA.
- [PS2] Shi Zheng, Yang Guanghua, Zhang Chenmeng, **Theodoros Tsiftsis**, Qu Ting, Ma Shaodan. A downlink power allocation method for HARQ-assisted NOMA technology. Application No.: 201911015085.X. Date: 2019.10.24, CNIP .
- [PS1] Qi Nan, Liu Gang, **Theodoros Tsiftsis**, Yao Rugui, Su Zhe, Chen Jiaxin. A free-channel-oriented full-duplex UAV relay communication method. Application No.: 201910347406.X, 2019.04.28, CNIPA.

Publications

- Editorials: 6.
- Chapter in 2 Books:
- Journals: 151 (124 IEEE publications/79 IEEE Transactions).
- Conferences: 80.

———— Citations Statistics & h-Index

- **Google Scholar**, Citations: **7799**, h-Index: **40**, [Google Scholar Profile](#)
- **Scopus**, Citations: **5664**, h-Index: **32**, Scopus ID: 35613331800
- **ISI Web of Science**, Citations: **4124**, h-Index: **28**

Note: Citations via Scopus and ISI Web of Science have been counted by excluding self-citations.

November 29, 2021