Cleofás Segura Gómez

PERSONAL INFORMATION

ORCID code (researcher identification)	0000-0002-9347-287X
Current assignment	Substitute Teaching Tutor
Organism	University of Granada
Department	ETSIIT - Signal Theory, Telematics and Communications
Address	C/ Periodista Daniel Saucedo Aranda s/n, Granada 18014, Spain
E-mail	cleofas@ugr.es
Date of Birth	15/03/1997

EDUCATION	*Degree*	*University*	*Dates*
BS. degree	Engineering in Technologies of the Telecommunication	University of Granada	2015 - 2019
MS. degree	Telecommunication Engineering	University of Granada	2019 -
Ph.D.	Information and Communication Technologies	University of Granada	2021 -

EXPERIENCE	*Title*	*Organism / Research group*	*Dates*
Grant for collaboration	Grant for collaboration	University of Granada	11/2018 – 07/2019
ICARO Scholarship	Researcher	SWAT-Group	07/2019 – 11/2019
Project contract	Researcher	SWAT-Group	11/2019 – 10/2020

Group contract	Researcher	SWAT-Group	11/2020 – 12/2020
Academic contract	Substitute Teaching Tutor	University of Granada	01/2021 -

RESEARCH

Interests

Design, fabrication and characterization of high frequency devices
Millimeter wave antennas
Reconfigurability of parameters of device

Journals

1. Mohamed T. ElKhorassani, Angel Palomares-Caballero, Antonio Alex-Amor, Cleofás Segura-Gómez, Pablo Escobedo, Juan F. Valenzuela-Valdés and Pablo Padilla, "Electronically Controllable Phase Shifter with Progressive Impedance Transformation at K Band". Applied Sciences, Vol. 29, issue 23, 2019

2. C. Segura-Gómez, Á. Palomares-Caballero, A. Alex-Amor, J. Valenzuela-Valdés and P. Padilla, "Modular Design for a Stacked SIW Antenna Array at Ka-Band," in IEEE Access, vol. 8, pp. 158568-158578, 2020, doi: 10.1109/ACCESS.2020.3020471

Conference

1. C. Segura-Gómez, Á. Palomares-Caballero, A. Alex-Amor, J. Valenzuela- Valdés and P. Padilla, "Design of Compact H-plane SIW antenna at Ka band," 2020 14th European Conference on Antennas and Propagation (EuCAP), Copenhagen, Denmark, 2020, pp. 1-4, doi: 10.23919/EuCAP48036.2020.9135737.

Project participation

1. PROJECT: Diseño, fabricación y caracterización de tecnologías para comunicaciones hasta 300 GHz), Ref. P18-RT-4830, FUNDING INST.: JUNTA DE ANDALUCIA, 01/01/2020-31/12/2022, IP: Juan Francisco Valenzuela, Pablo Padilla. Funding: 95.342,00 €

2. PROJECT: Optimización de las tecnologías facilitadoras para redes Ultradensas 5G de alta frecuencia (Evo5G), Ref.: B-TIC-402-UGR182, FUNDING INST.: UGR-JUNTA DE ANDALUCIA. 01/01/2020-31/12/2021. IP: Juan Francisco Valenzuela, Pablo Padilla. Funding: 37.500,00 €

3. PROJECT: Metaheurísticas aplicadas al diseño de redes 5G eficientes, Ref.: TIN2016-75097-P, FUNDING INST.: Ministerio de Economía y Competitividad. 01/01/2016 - 31/12/2020, IP.: Francisco Luna. Funding: 50.400 €

4. PROJECT: OPTIMIZACION MULTI-CAPA DE REDES 5G (Ref. RTI2018-102002-A-I00), FUNDING INSTITUTION: Ministerio de Economía y Competitividad, 01/01/2019 - 31/12/2020, IP: Antonio Mora, Funding: 44.500 €

5. PROJECT: MAstering 5G: deep learninG and smart Infrastructure Communications for a secure connected society, Ref. EQC2019-005605-P, FUNDING INST.: Ministerio de Ciencia e Inno., 01/01/2019-31/12/2021, IP: Isaac Álvarez, Funding: 667.845,32€

6. PROJECT: IoT5GLab: Design and implementation of future networks for 5G and IoT (Ref. EQC2018-004988-P), FUNDING INSTITUTION: Ministerio de Economía y Competitividad, Subprograma Estatal de proyectos de Infraestructuras Científicas y Técnicas y Equipamiento, 01/01/2018 - 31/12/2020, IP: Pablo Padilla, Sandra Sendra, Funding: 583.426,17€

AWARDS

BS Thesis

1. First accesit in the best final degree projects (Ingenio Jr. 2019 Awards) by COITT-A
2. Best final degree proyects in Telecommunications Engineering of Granada by COIT-AORM
3. First prize in the best final degree proyects of Area of Signal Theory and Communications in the "Seventh Edition of Tutored Works" by TSTC Department of UGR
4. Prize in the best final degree project in the Telecommunication Technologies Engineering Degree

Brief biography

Cleofás Segura Gómez was born in Almería, Spain in 1997. He received the B.S. Degree in Telecommunication Technologies Engineering from the University of Granada (UGR) in 2019 and since the same year he is studying the M.S. degree in Telecommunication Engineering at the same university. In 2021 he also started the Ph.D. degree in Information and Communication Technologies at the UGR.

As a result of the final degree work that supposed the beginning of his research, he has won several awards from various organizations. He has authored two high-impact journal contributions and one contribution to international symposia. He is currently assigned as a substitute teaching tutor in the Department of Signal Theory, Telematics and Communications (DTSTC) at the UGR in the area of Telematics and researching within the SWAT-UGR group.

His research interests have focused on several topics including the design, fabrication and characterization of high frequency devices such as millimeter wave antennas and the experimentation of reconfigurability of these devices.