

PERSONAL INFORMATION:

- Name: **Oscar Quevedo-Teruel**
- Position: **Full professor. Responsible of the Antenna and Microwave Laboratories.**
- Affiliation: **Division of Electromagnetic Engineering and Fusion Science, KTH, Stockholm.**

EDUCATION:

- 2005 Telecommunications Engineering (Ingeniería de Telecomunicación)
 Jul. 1st Carlos III University of Madrid, Spain.
MSc Thesis supervisor: Prof. P.-S. Kildal, Chalmers University of Technology, Sweden.
- 2010 PhD in Communication Technology (European PhD)
 Mar. 11th Signal Theory and Communications at Carlos III University of Madrid, Spain.
PhD Thesis supervisor: Prof. E. Rajo-Iglesias.
- 2017 Docent at KTH Royal Institute of Technology in Electromagnetic Theory in 2017.

PREVIOUS POSITIONS

- Oct. 2005 – Researcher and Teaching Assistant
 Oct. 2010 Department of Signal Theory and Communications/Carlos III University of Madrid, Spain.
 Oct. 2010 – Post-doctoral Fellow
 Oct. 2011 Theoretical Physics of Condensed Matter/Autonomous University of Madrid, Spain.
 Oct. 2011 – Post-doctoral Research Assistant
 Dec. 2013 School Electronic Eng. and Computer Science /Queen Mary University of London, UK.

FELLOWSHIPS

- Oct. 2010 – Fellowship in Alianza 4 Universidades Programme.
 Oct. 2012 Dept. Theoretical Physics of Condensed Matter/ Autonomous University of Madrid, Spain.

RESEARCH INTERNSHIPS / LONG RESEARCH VISITS:

2004 – 2005 Chalmers University of Tech. (Sweden). Erasmus. Six months. Supervisor: Prof. P.-S. Kildal.

Pre and post-doctoral internships:

- 2008 Loughborough University (UK). Three months. Supervisor: Prof. A. Feresidis
 2007 University of Zagreb (Croatia). Two months. Supervisor: Prof. Z. Sipus.
 2010 Delft University of Tech. (The Netherlands). Four months. Supervisor: Prof. A. Neto.

Tenure track internships (after arrival to KTH):

- 2014 University of Rennes 1 (France). Five weeks. Responsible: Prof. G. Valerio.
 2015 University of Zagreb (Croatia). Two months. Responsible: Prof. Z. Sipus.
 2015/16/17 University of Michigan (USA). One month each year. Responsible: Prof. A. Grbic.
 2015 University of Rennes (France). One month. Responsible: Prof. R. Sauleau.
 2016 City University of New York (USA). Two months. Responsible: Prof. A. Khanikaev.
 2018 Sorbonne University (France). One month. Responsible: Prof. G. Valerio.
 2022 Pontifical Catholic University of Valparaíso (Chile): Two months. Responsible: Prof. F. Pizarro.

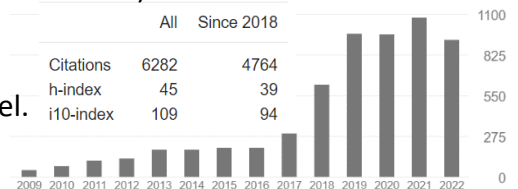
STUDENT/POST-DOC SUPERVISION at KTH:

- Former PhD/Licentiate students:
 - Main supervisor of PhD students: **F. Ghasemifard** (2018), **M. Ebrahimpouri** (2019), **Q. Liao** (2021).
 - **F. Ghasemifard** was awarded with the Kildal Award to the Best PhD on Antennas and Propagation in Europe, 2019.
 - Co-supervisor of PhD students: **C. Kolitsidas** (2017), **Q. Chen** (2020), **B. Mouris** (2022).
 - Main supervisor of Licentiate Students: **Oskar Zetterström** (2021), **P. Castillo-Tapia** (2022).
- Main supervisor of PhD students (on-going): **O Zetterström** (since May 2019) **P. Castillo-Tapia** (since April 2020), **F. Viðar Viðarsson** (since Feb. 2021), **M. Chen** (since Oct. 2021), **H. Wang** (since Oct. 2022).

- Co-supervisor of PhD students (on-going): **M. Petek** (Polytechnic University of Turin, Italy), **S. Yang** (University of Beijing, China).
- Present supervision of post-docs: **S. Clendinning** (period: 2021-2025), **Q. Chen** (period: 2020-2024)
- Former supervision of post-docs: **F. Ghasemifard** (period: 2019).
- Awarded supervision of MSc students at KTH:
 - **Co-supervisor** of the student team that won the worldwide undergraduate student contest in Energy Harvesting in the 2016 IEEE AP-S/USNC-URSI, Puerto Rico, USA.
 - **Main supervisor** of the student team placed second in the worldwide undergraduate student contest in Cube Satellite Antennas in the 2017 IEEE AP-S/USNC-URSI, San Diego, USA.
- **Responsible** of visiting researchers (including PhD students, post-docs, and professors) at KTH from University of Rennes 1 (France), Sorbonne University (France), Carlos III of Madrid (Spain), University of Zagreb (Croatia), University of Seville (Spain), University of Cartagena (Spain), University of Oviedo (Spain), University of Granada (Spain), University Polytechnic of Madrid (Spain), University of Navarra (Spain), Ferdowsi University of Mashhad (Iran), Tarbiat Modares University (Iran), Northwestern Polytechnical University (China), University of Rome 3 (Italy), Polytechnic University of Turin (Italy), Riga Technical University (Latvia), Pontifical Catholic University of Valparaiso (Chile), Brno University of Technology (Czech Republic), and University of Exeter (UK).

PUBLICATIONS: (Full list of publications at <http://www.etk.ee.kth.se/personal/oscarqt/>)

- **125 International Journal** publications:
 - ❖ 80 publications in IEEE Journals: IEEE Trans. Antennas Propag., IEEE Trans. Microw. Theory Techn., IEEE Trans. Veh. Technol., IEEE Trans. Circuits Syst. II, IEEE Commun. Mag., IEEE Antennas Propag. Mag., IEEE Microw. Mag., IEEE Antennas Wireless Propag. Lett., IEEE Microw. Compon. Lett., IEEE J. of Microwaves, IEEE Access.
 - ❖ 6 publications in IET Journals: Electron. Lett., IET Microw. Antennas Propag.
 - ❖ 19 Publications in Physics Journals: Nat. Commun., Phys. Rev. Lett, Appl. Phys. Lett., Opt. Lett., Phys. Rev. A, Opt. Mater. Express, CR Phys., EPJ Appl. Metamaterials, New J. Phys., Commun. Phys., J. Opt.
 - ❖ 20 Publications in interdisciplinary journals: Sci. Rep., AEU Int J Electron Commun., Prog. Electromagn. Res., Appl. Sci., Photonics, Sensors and Symmetry.
- More than **200 publications** in international conferences (**100 invited talks**).
- Patents:
 - ❖ 6 patents with **Ericsson AB**, and 2 patents with **Sony**.
 - ❖ 2 Spanish patents with UC3M/URJC and 1 Spanish utility model.
- 2 Book chapters.
- 22 Publications in Spanish national conferences.



MOST IMPORTANT RECOGNITIONS:

- Carlos III University of Madrid's Award of Excellence 2010 to the **best professional career** of former students who obtained the university degree from Feb. 2004 to Nov. 2006.
- National Award Arquimedes to the **best supervisor of M.Sc. theses in Eng. and Architecture** 2010 all over Spain.
- **Raj Mittra Travel Grant for Junior Researchers 2012**. The awardee's selection is primarily based upon the candidate's potential or demonstrated aptitude for research.
- **Best teacher in Electrical Engineering** at KTH in 2019.
- **Best paper award in Electromagnetics** at the EuCAP 2020 in Copenhagen, Denmark.
- **Best Applied Technology Antenna Paper Award** at the EuCAP 2022 in Madrid, Spain.

CHAIRMAN & ORGANIZATION ACTIVITY:

- **Conference Co-chairman** and **Organizer** of YSMM'09 (Young Scientist Meeting on Metamaterials, YSMM 2009) that was held at Universidad Carlos III de Madrid on 7-8th July of 2009.
- **General chair** of Swedish Microwave Days 2023, to be held in Stockholm in May 2023.
- **General chair** of EuCAP 2025, to be held in Stockholm.

- **Organizer** of the special sessions 34th PIERS (Sweden), EuCAP2014 (The Netherlands), 35th PIERS (China), EuCAP2014 (Portugal), Meta15 (USA), EuCAP2017 (France), EuCAP2019 (Poland), EuCAP2020 (Denmark), ISAP2021 (Taiwan), and EuCAP2022 (Spain).
- Organization in the **PhD European School of Antennas (ESoA)**:
 - Co-organizer of the ESoA course in Paris, France, Sept. 2021 and Sept. 2023.
 - Main organizer of the ESoA course in Stockholm, Sweden, April 2022.
- **Plenary and keynotes talks**:
 - SoPHIC 2021: ‘Lunenburg lenses for 5G/6G and satellite communications’.
 - MTTW’21: ‘Geodesic Lens Antennas for 5G/6G and Satellite Communications’.
 - MTTW’22: ‘Glide symmetries: a new degree of freedom for the design of periodic structures’.
 - EuMW’22: ‘Glide symmetries and their practical implications in periodic structures’.

INSTITUTIONAL RESPONSIBILITIES

- 2016 – now Director of the MSc Programme in Electromagnetics, Fusion and Space Engineering at KTH.
 2016 – now Responsible of the antenna and microwave labs at KTH.

COMMISSIONS OF TRUST

- 2015 – now Member of IEEE Antennas and Propagation Education Committee.
 2015 – 2018 Associate editor of Advanced Electromagnetics Journal.
 2018 – 2022 Associate editor of IEEE Transactions on Antennas and Propagation (IEEE TAP).
 Awardee of 2019, 2020, 2021, and 2022 IEEE TAP’s **Outstanding Associate Editor**.
 2022 – now Track editor of IEEE Transactions on Antennas and Propagation (IEEE TAP).
 2019 – 2022 Distinguished lecturer of the IEEE Antennas and Propagation Society.
 2020 – now Editor-in-chief of EurAAP Reviews of Electromagnetics.
 2021 Guest editor for the EuCAP2021 and 2022 Special Sections published in IET Microwaves Antennas & Propagation and EuMA International Journal of Microwave and Wireless Technologies.
 2020 – now Chair, Educational Initiatives Program in the IEEE Antennas and Propagation Society.
 2021 – now Initiator and leader of KTH in the European excellence network METAMORPHOSE VI AISBL.

DISTINGUISHED MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2018 – 2020 Sole delegate for Iceland, Sweden and Norway at EurAAP.
 2021 – 2023 Initiator and Vice-chair of European COST Action SyMat.
 2021 – now Member of the Board of Directors of EurAAP.
 2022 – now Vice-chair of EurAAP.

OBTAINED FUNDING/PROJECTS:

- **Principal Investigator** of projects funded under a competitive application:
 - **STINT** (PT2014-5813), Postdoctoral Transition Grant for Internationalization.
 - Two **Vinnova projects** in Smartare Elektroniksystem in collaboration with Ericsson AB: 2018-01522 and 2019-02103.
 - **Stiftelsen Åforsk** (18-302) in collaboration with Ericsson AB.
 - **ESA projects**:
 - **ARTES** (No. 4000125905/18/NL/WE) in collaboration with Forsway and ReQuTech.
 - **Proof of Concept** (4000130375/20/NL/MH/kdj) in collaboration with Ericsson AB.
 - **Technology Transfer Feasibility & Design** (ESA AO/1-10772/21/NL/MH) with Ericsson AB.
 - **ESA OSIP project** (ESA AO 2-1848/22/NL/GLC/ov) with Viasat.
 - Two **VR projects** in “Research project grant within natural and engineering sciences”: 2019-03933 and 2022-03865.
 - **Office on Naval Research (ONR)** project (0348-0004).
- **KTH Leader/responsible** of ESA projects:
 - ❖ (4000132899/20/NL/NR) led by Satcube.
 - ❖ (No. AO/2-1772/20/NL/GLC) led by University of Bordeaux.
- **MSCA Doctoral Networks 2021** (No. 101072560). Main supervisor of 2 PhD students: Thales (France) and Airbus (UK).