



# Nicola Anselmi

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## ● EDUCATION AND TRAINING

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31/10/2013 – 22/04/2018

**PH.D. DEGREE IN INFORMATION AND COMMUNICATION TECHNOLOGY** University of Trento -  
Information and Communication Technology Doctoral School – Cycle XXIX

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31/01/2010 – 30/10/2012

**MASTER DEGREE IN TELECOMMUNICATION ENGINEERING** University of Trento

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31/08/2005 – 27/11/2009

**BACHELOR DEGREE IN TELECOMMUNICATION ENGINEERING** University of Padova

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## ● WORK EXPERIENCE

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 **UNIVERSITY OF TRENTO**

**ASSISTANT PROFESSOR (RTD-A)** – 15/07/2020 – 19/07/2025

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D.R. n. 214 20-03-2020, Settore Concorsuale 09/F1 (Campi Elettromagnetici).

 **UNIVERSITY OF TRENTO**

**POSTDOCTORAL RESEARCHER (ASSEGNISTA DI RICERCA)** – 19/11/2019 – 14/07/2020

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SC: 09/F1 “Campi Elettromagnetici”; SSD: ING-INF/02 “Campi Elettromagnetici”. Title of the research activity: “Tecniche innovative per lo studio e sviluppo di antenne a schiera clustered non convenzionali per applicazioni in ambito radar e di comunicazione”.

 **UNIVERSITY OF GENOVA**

**POSTDOCTORAL RESEARCHER (ASSEGNISTA DI RICERCA)** – 03/09/2018 – 02/09/2019

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SC: 09/F1 “Campi Elettromagnetici”; SSD: ING-INF/02 “Campi Elettromagnetici”. Title of the research activity: “Studio e sviluppo di metodologie innovative per la progettazione, analisi numerica, e sintesi di architetture non convenzionali per antenne a schiera di prossima generazione”.



**MEMBER OF THE ELEDIA@UNITN** – 01/11/2012 – CURRENT

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The research activity of Dr. Nicola Anselmi is mainly concerned with (a) the development of advanced methodologies for the design and the analysis of unconventional antenna arrays with electronic scanning for advanced sensing and communication systems and (b) the theoretical study and the numerical implementation of innovative methodologies for the solution of inverse problems within the framework of electromagnetic diagnostics.

## ● HONOURS AND AWARDS

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2016

**"Giorgio Barzilai" Prize for Young Researchers – Italian Electromagnetic Society (SIEM)**

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2017

**Third Prize of the "Annual Student Poster Competition" – the Quantitative Nondestructive Evaluation (QNDE 2017) Conference**

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2018

**"Young Scientist" Prize – Applied Computational Electromagnetics Society (ACES)**

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2019

**"Mini-Circuits Harvey Kaylie Best Paper Prize" – IEEE International Conference on Microwaves, Communications, Antennas & Electronic Systems (COMCAS)**

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2020

**Outstanding Reviewer Award – IEEE Transactions on Antennas and Propagation**

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2021

**Outstanding Reviewer Award – IEEE Transactions on Antennas and Propagation**

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2023

**Top Reviewer Award – IEEE Transactions on Antennas and Propagation**

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2024

**Top Reviewer Award – IEEE Transactions on Antennas and Propagation**

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## ● **QUALIFICATIONS**

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08/02/2023 – CURRENT

**Italian National Qualification - Full Professor**

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Abilitazione Scientifica Nazionale (ASN), "I Fascia", Settore Concorsuale 09/F1 (Campi Elettromagnetici)

09/05/2019 – CURRENT

**Italian National Qualification - Associate Professor**

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Abilitazione Scientifica Nazionale (ASN), "II Fascia", Settore Concorsuale 09/F1 (Campi Elettromagnetici)

24/02/2019 – CURRENT

**Qualification aux fonctions de maître de conférences (MCF)**

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Section 63 Electrical, Electronic, Photonic and Systems Engineering (Qualification aux fonctions de maître de conférences, Section 63 - Génie électrique, électronique, photonique et systèmes)

29/11/2021 – CURRENT

**IEEE Senior Member**

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## ● **TEACHING/ADVISING**

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**Teacher of the following university level courses at the University of Genova**

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- "Elementi di Elettromagnetismo", Dipartimento di Ingegneria Civile, Chimica e Ambientale, University of Genova (a. a. 2023/2024 - 3 ECTS)
- "Electromagnetic Propagation", Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni, University of Genova (a. a. 2023/2024 - 5 ECTS)
- "Elementi di Elettromagnetismo", Dipartimento di Ingegneria Civile, Chimica e Ambientale, University of Genova (a. a. 2024/2025 - 3 ECTS)
- "Electromagnetic Propagation", Dipartimento di Ingegneria Navale, Elettrica, Elettronica e delle Telecomunicazioni, University of Genova (a. a. 2024/2025 - 5 ECTS)

**Co-Teacher of the following university level courses at the University of Trento**

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- "Antenna Array Theory and Synthesis Methods", Master's Degree in Civil Engineering, Dipartimento di Ingegneria Civile, Ambientale e Meccanica (a. a. 2024/2025 – 6 ECTS)
- "Quantum Electromagnetics", Master's Degree in Physics, Dipartimento di Fisica (a. a. 2024/2025 – 6 ECTS)

**Co-Teacher of 7 International PhD Summer Schools within the ICAM Doctoral School of the University of Trento**

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Bachelor and Master level Courses belonging to the "Settore Concorsuale 09/F1 (Campi Elettromagnetici)" [SSD ING-INF/02 - Campi Elettromagnetici] at the University of Trento, Italy

**Co-Teacher of 7 International PhD courses within the "European School of Antennas (ESoA)"**

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**Co-Teacher of 4 Short Courses**

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**Teaching Assistant of 10 courses in the area of Electromagnetic Fields**

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Teaching Assistant of 3 courses within the “European Institute of Innovation and Technology (EIT)” Master School, University of Trento

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Advisor/Co-Advisor of 4 PhD students, 9 Master Thesis and 9 Bachelor Thesis at the University of Trento

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## ● **ABROAD RESEARCH EXPERIENCES**

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11/2015 – 12/2015

**Visiting Scientist at the Laboratoire des Signaux et Systèmes (L2S)**

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Multiple visits (3 months overall).

12/2015 – 07/2017

**Visiting PhD Student at the Laboratoire des Signaux et Systèmes (L2S)**

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## ● **TECHNOLOGICAL TRANSFER**

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2017 – CURRENT

**Scientific Coordinator of 5 industrial and institutional projects funded by public and private institutions**

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Main partners: European Space Agency, Agency of Defence Development of the Republic of Korea, Huawei Technologies CO., LTD, Huawei Technologies Dusseldorf GmbH

2011 – CURRENT

**Participant in 21 industrial and institutional projects funded by public and private institutions**

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Main partners: Huawei Technologies, Leonardo Finmeccanica S.p.A., Selex ES, Elettronica S.p.A., MIUR, DIGITEO, Ministero degli Affari Esteri e della Cooperazione Internazionale, Virtual Institute for Artificial Electromagnetic Materials and Metamaterials, Provincia Autonoma di Trento

## ● **EDITORIAL ACTIVITIES**

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06/2022 – CURRENT

**Associate Editor of the IEEE Antennas Wireless and Propagation Letters**

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07/2022 – CURRENT

**Associate Editor of the IEEE Open Journal of Antennas and Propagation**

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## ● **INVITED CONTRIBUTIONS AND TALKS**

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**26 Invited contributions in scientific sessions**

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**7 Invited contributions to International journals and books**

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**26 Presentations as a speaker in national and international conferences**

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**3 Invited lectures and seminars**

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## ● **SCIENTIFIC CHAIRING/ORGANIZATION**

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**Member of the organization committee of 3 Workshops**

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**Member of the scientific committee in 3 international conferences**

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**Co-Organizer of 10 special and convened sessions in international scientific conferences**

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**Co-Chair of 11 sessions in international scientific conferences**

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- **MEMBERSHIP AND REVIEWER ACTIVITIES**

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Member of 4 scientific institutions (i.e., IEEE, IEEE-AP, CNIT, SIEM)

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Reviewer for 22 international journals

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Reviewer for 16 conferences

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- **PUBLICATIONS SUMMARY**

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Scopus Profile: 55749784900

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<https://www.scopus.com/authid/detail.uri?authorId=55749784900>

ORCID Profile: 0000-0001-5970-5679

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<https://orcid.org/0000-0001-5970-5679>