

### **Current position**

*Dec 2017 - to date:* Assistant Professor (RTDA),  
Physics Department, University of Naples "Federico II"

### **Previous positions**

*Jan 2016 - Dec 2017:* Marie Curie Cofund ICFONest+ Postdoctoral Research Fellow  
Plasmon Nano-Optics Group  
ICFO - The Institute of photonic sciences (Spain)

*Nov 2013 - Oct 2015:* Postdoctoral Research Fellow  
Quantum Optics Group  
Physics Department, University of Rome "Sapienza"

### **Education**

*Feb 2014:* PhD in Physics, University of Rome "Sapienza"  
Thesis: "Photonic high dimensional systems and their applications in fundamental quantum mechanics, quantum information and quantum communication"

*May - Jul 2013:* Visiting PhD student at Glasgow University (Optics Group)

*Jul 2010:* M.Sc. in Physics (Laurea Specialistica in Fisica),  
University of Naples "Federico II"  
Thesis: "Development of new optical devices for the manipulation of orbital angular momentum of light" (in italian)  
110/100 cum laude

*Mar 2007:* B. Sc. in Physics (Laurea Triennale in Fisica),  
University of Naples "Federico II"  
Thesis: "Proton-Neutron multiplets in odd-odd nuclei" (in italian)  
110/100 cum laude

### **Summary of Scientific Achievements**

Patents: 1

Papers in peer reviewed journals: 29

Proceedings: 4

Total Citations: 1994 (Google Scholar) 1399 (WOS)

Hirsch (H) index: 19 (Google Scholar) 18 (WOS)

- Abilitazione scientifica nazionale - professore seconda fascia FIS 02/B1 - Fisica sperimentale della materia (since 29/11/2017)

## CURRICULUM VITAE - VINCENZO D'AMBROSIO

- Referee activity for international journals (including Nature Communications, Physical Review Letters, ACS Photonics, Light: Science & Applications, Optica, New Journal of Physics).

- Guest editor of special issue “Selected Papers from Plasmonica 2019 - 7th Edition of the Workshop on Plasmonics and its applications” - journal: Sensors

### **Prizes**

2019 - Winner of Telespazio Technology contest award (Voyager category)

2020 - Italian Physical Society (SIF) - Premio “Sergio Panizza e Gabriele Galimberti”

### **Organization of conferences and workshops**

#### Plasmonica 2019

Naples (Italy) - 19/21 June 2019

Member of the organizing committee

#### 2d materials for quantum technologies

Bad Honnef (Germany) - 27/28 May 2021 (online due to pandemic emergency)

Member of the organizing committee

### **Outreach activities**

2020 - Faculty advisor for the SPIE chapter of University of Naples “Federico II”

### **Grants**

2019-2022 PRIN - (Programma di ricerca di rilevante interesse nazionale)  
Coordinator of “Federico II” University unit for the “INPhoPol” project.

2016-2017 ICFONest+ (Marie Curie cofund) Post doctoral fellowship founded by the European Union

2012 Borsa di Avvio alla Ricerca, University of Rome “Sapienza”

2010 Phd Scholarship, University of Rome “Sapienza”

### **Teaching Experience**

*Since 2011:* Supervision and co-supervision of graduate, undergraduate and PhD students.

*2018 - to date:* Electromagnetism course (industrial engineering)  
(Fisica II - undergraduate course) University of Naples “Federico II”

*2017/2018:* Teaching assistant for the Electromagnetism course (industrial engineering)  
(Fisica II - undergraduate course) University of Naples “Federico II”

CURRICULUM VITAE - VINCENZO D'AMBROSIO

- 2015:* Physics Laboratory course, teaching assistant (Physics faculty)  
University of Rome "Sapienza", Facoltà di Scienze MFN
- 2014-2015:* Lectures in the course of quantum information (Physics faculty)  
University of Rome "Sapienza", Facoltà di Scienze MFN
- 2013:* OFA Mathematics course for Natural Science students  
University of Rome "Sapienza", Facoltà di Scienze MFN

