

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome GIUSEPPE
Cognome SANCATALDO
Recapiti Viale delle Scienze, Ed.18
E-mail giuseppe.sancataldo@unipa.it

FORMAZIONE TITOLI

- **02-2026 – Present:** Associate Professor in Applied Physics, DiFC, University of Palermo, Italy
- **04-2025 – 07-2026:** Master's Degree in Applied Artificial Intelligence, University of Palermo, Italy
- **02-2023 – 01-2026:** Senior Assistant Professor in Applied Physics (RTD-B), DiFC, University of Palermo, Italy
- **06-2021 – 09-2021:** Visiting Professor, Department of Applied Physics, University of Barcelona, Spain
- **08-2019 – 07-2022:** Junior Assistant Professor in Applied Physics (RTD-A), DiFC, University of Palermo, Italy
- **04-2018 – 07-2019:** Postdoctoral fellow in Matter Physics, BioPhotonics Group, University of Florence, Italy
- **01-2018 – 06-2018:** Master's Degree in Theory and Methods for Didactic and Education
- **03-2017 – 03-2018:** Technologist at LENS – European Laboratory for Non-Linear, Spectroscopy, Florence, Italy
- **09-2016 – 12-2016:** Visiting PhD Student, CBB, European Laboratory of Molecular Biology, Heidelberg, Germany
- **01-2014 – 12-2016:** PhD in Bioengineering and Robotics, University of Genoa, Italian Institute of Technology, Italy
- **07-2013 – 12-2013:** Research Fellow at University of Palermo, Italy
- **10-2012 – 12-2012:** Visiting Master Student, Institute of Applied Physics, University of Bern, Switzerland
- **10-2010 – 03-2013:** Master's degree in Physics (Curriculum Biophysics), University of Palermo, Italy
- **10-2006 – 03-2010:** Bachelor's Degree in Physics, University of Palermo, Italy

ATTIVITA' DIDATTICA

- **2024/2025** Physics Laboratory I
- **2023/2024** Applied Physics
- **2023/2024** Optical Instrumentation
- **2023/2024** Introduction to Biophotonics and Wet Lab
- **2022/2023** Applied Physics
- **2022/2023** Optical Instrumentation
- **2021/2022** Physics of Biosystems
- **2021/2022** Optical Instrumentation
- **2021/2022** Applied Physics
- **2020/2021** Optical Instrumentation
- **2020/2021** Applied Physics
- **2019/2020** Applied Physics in Medicine
- **2019/2020** Applied Physics

RICERCHE FINANZIATE

- **BrightEYES** – Exploring biophysical process involved in the aging of human transparent eye's lens proteins.
EUROSTART - European Union – NextGenerationEU – MUR funds D. M. 737/2021.

PUBBLICAZIONE

A complete list of publications can be found at the following links:

- [SCOPUS](#)
- [Google Scholar](#)

ATTIVITA' SCIENTIFICHE

Contribution to Editorial Board

- Member of Editorial Board of Discovering Imaging, Springer Nature.
- Guest Editor of "Frontiers in Chemical Biology" (section: Structure, Spectroscopy & Imaging).

Organizing committee

- Member of the Organizing Committee of the XXVII SIBPA National Congress 2024, Genoa, June 16-20, 2024
- Member of the Scientific Committee of the "XXVIII School of Pure and Applied Biophysics", MOLECULE IN(ter)ACTION: from nano to macroscale, Venice, February 5-9, 2024

ALTRE ATTIVITA

Awards

- **Borsellino Award** of the Italian Society of Pure and Applied Biophysics (SIBPA) for the best Doctoral Thesis on a biophysical topic for the biennium 2016-2018.
- **Travel Award** for participation in the '59th International Annual Meeting of Biophysical Society', poster: "Light Sheet Fluorescence Microscopy (LSFM) for Two-Photon Excitation Imaging of Thick Samples" Baltimore, USA, 2015.

Patent

- **MICROSCOPY METHOD AND APPARATUS FOR OPTICAL TRACKING OF EMITTER OBJECTS**, Inventors: Duocastella Marti; Sancataldo Giuseppe; Diaspro Alberto, European Patent EP3571541 B1 (patent grant date: 12/30/2020), US Patent 10,775,602 B2 (patent grant date: 09/15/2020)