



ALESSANDRA OPERAMOLLA

4th January 2016 - PRESENT

Assistant Professor in Organic Chemistry at the Chemistry Department of the Aldo Moro University of Bari. Project “SolarLeaf – Biodegradable organic solar cells supported on cellulose”. The position is funded by Regione Puglia (local government) after a competitive projects selection.

POST-DOC EXPERIENCE

- **29/09/2015 - 31/12/2015:** Research contract at the Department of Pharmacy of the University of Bari Italian National Operative Program: “An integrated technological platform for the development of new medicines for rare diseases”
Supervisor: Prof. Saverio Florio
- **15/07/2012 – 15/07/2015:** Post-doctoral research fellow at the Chemistry Department of the University of Bari Aldo Moro (Italy) Topic: “Innovative Materials for Organic and Hybrid Photovoltaics”
Supervisor: Prof. Gianluca M. Farinola
- **August 2010- June 2012:** Post-doctoral research fellow at the Chemistry Department of the University of Bari Aldo Moro (Italy)
Supervisors: Prof. Francesco Naso – Prof. Francesco Babudri
Regional Project “LABORATORIES NETWORK: Regional Laboratory for the synthesis and characterization of new organic and nanostructured materials for electronics, photonics and advanced technologies”
- **12/04/2010 – 06/08/2010:** Visiting researcher in the group of Prof. N. S. Sariciftci at LIOS (Linzer Institut für Organische Solarzellen, Institut für Physikalische Chemie, Linz, Austria) financed with an exchange grant of the European Science Foundation (ESF)
- **15/12/2008 – 03/10/2009:** Research fellow at the Chemistry Department of the University of Bari Aldo Moro (Italy)
Supervisor: Prof. Francesco Naso
Italian National Project FIRB: “Synergy – Synthesis of novel organic materials and supramolecular architectures for high efficiency optoelectronic and photonic systems”

TEACHING ACTIVITY

- **2018-2019:** Appointed for the training module of the Organic Chemistry - First Course– Bachelor Degree (Laurea Triennale) in Chemistry at the University of Bari. Appointee Prof. Gianluca M. Farinola. Number of students: 70
- **2017-2018:** Appointed for the Laboratory of Organic Chemistry - Second Course (integrated with the Organic Chemistry module)– Bachelor Degree (Laurea Triennale) in Chemistry at the University of Bari. Number of students: 54

- **2016-2017 and 2017-2018:** Appointed for the Laboratory of Organic Chemistry - First Course (integrated with the Organic Chemistry module)– Bachelor Degree (Laurea Triennale) in Chemistry at the University of Bari. Number of students: 54
- **2015-2018:** Various teaching assistant activities for Organic Chemistry courses at the University of Bari.
- **September 2017:** Erasmus+ one week visiting professor at ICMA-CSIC- University of Zaragoza. I was hosted in the group of Prof. J. M. De La Fuente and delivered seminars to first and second level students and PhD candidates.
- **2009-2011:** Teaching assistant for “Organic Chemistry with Laboratory”, Faculty of Biotechnological Sciences, University of Bari (Appointee Prof. Gianluca M. Farinola)

GRANTS

- **December 2017:** Italian Ministry grant for the individual basic research activities for the year 2018.
- **September 2014:** Winner of the call FutureInResearch funded by Regione Puglia with the project “SolarLeaf – Biodegradable organic solar cells supported on cellulose”.
- **February 2010:** Exchange Grant financed by the European Science Foundation within the program ORGANISOLAR covering a 16 week visit to the Linz Institute for Organic Solar Cells (Linz, Austria), with the project: “Study of a hole-conducting material addition to P3HT-PCBM bulk heterojunction solar cells”

EDUCATION

- **06/04/2018** Habilitation as Associate Professor in Organic Chemistry (“Abilitazione Scientifica Nazionale, ASN L.240/2010)
- **11/09/2013** Qualification for teaching Chemical Technologies in the High Schools.
- **26/02/2009** PhD in Chemistry of Innovative Materials
Dept. Of Chemistry, University of Bari, Italy.
Thesis "Novel Synthetic Strategies to Conjugated Oligomers Bearing S-Acetyl Thiol Groups and Characterization of Their Self-Assembled Monolayers"
The following period was spent in the laboratories of Prof. N. S. Sariciftci at LIOS – Linzer Institut fur Organische Solarzellen, Institut fur Physikalische Chemie, Linz, Austria
3/9/2008- 16/11/2008
- **December 2005** Qualification as Professional Chemist
- **21/7/2005** Laurea (master of Science) degree in Chemistry, Supervisor Prof. Francesco Babudri. Grade: Honours and the Commission’s Praise

SCIENTIFIC PRODUCTION

27 papers on peer reviewed journals, 5 proceedings, two book chapters, one world patent, several oral communications in international conferences. H-index 12 (Scopus, ID 23100983700). For details please visit my ORCID account at: <https://orcid.org/0000-0001-8527-0920>

OTHER ACTIVITIES RELEVANT TO SCIENTIFIC RESEARCH

- 2014-2015 Affiliation to the Institute of Chemistry of Organometallic Compounds of the National Research Council (CNR-ICCOM, UOS- Bari), via Orabona 4, I-70126 Bari (Italy)
- Member of SCI (Italian Chemical Society)

- Journal referee for the Royal Society of Chemistry (in the reviewer panel of RSC Advances and Soft Matter).
- Member of the Local Organizing Committee of the International meetings FUTURMAT (2009) and FUTURMAT2 (2012) – International Meeting for Organic Materials for a Better Future;
- Member of the Organizing Board of the joint school ISOPHOS - International School on Hybrid and Organic Photovoltaics and MAPHEBIO - School on Advanced Materials for Photonics, Electronics and Bioelectronics, 3-7 September 2017, Arbatax (Sardinia - Italy).
- Blog on nanocellulose and nanopaper at <https://nanocellulose.blog>

SOCIAL ACTIVITIES

- 2015-2016: National President of the Italian Association ADAM- Associazione Docenti Abilitati per Merito, Association of Secondary School Qualified Teachers
- 2014-2015: Secretary of the Italian Association ADAM- Associazione Docenti Abilitati per Merito, Association of Secondary School Qualified Teachers
- Member of ADI- Associazione Dottorandi e Dottori di Ricerca Italiani (Association of Italian PhD candidates and PhD Doctors).

SOCIAL AND COMMUNICATION SKILLS

- Excellent communication skills and attitude to work in team. Good adaptability and attitude to listen to and understand different points of view.

Bari, 12th December 2018

Dr. Alessandra Operamolla