

## Gianmarco Griffini, Ph.D.

Department of Chemistry, Materials and Chemical Engineering “Giulio Natta”  
Politecnico di Milano  
Piazza Leonardo da Vinci 32 – 20133 Milano, Italy



Gianmarco Griffini is Senior Assistant Professor (with tenure track) of Science and Technology of Materials at the Department of Chemistry, Materials and Chemical Engineering “Giulio Natta” of Politecnico di Milano (Italy).

He received his **MSc degree in Chemical Engineering** from Politecnico di Milano in 2005, with a work on computational and experimental fluid-dynamic issues related to microstructures for fine chemicals.

Between October 2005 and February 2008 he worked as a process engineer for an Italian company operating in the oil&gas field. Between April 2008 and December 2008 he worked as Research Fellow at the Department of Chemistry, Materials and Chemical Engineering “Giulio Natta” of Politecnico di Milano on the development and characterization of new environmentally-friendly polymeric systems for building and advanced manufacturing.

In March 2012 he obtained his **PhD degree in Materials Engineering** (*cum laude*) from Politecnico di Milano with a thesis on the study, characterization and fabrication of polymer-based photovoltaic systems and luminescent solar concentrators with improved stability and high efficiency.

Between January 2012 and December 2014 he worked as post-doctoral research associate at the Department of Chemistry, Materials and Chemical Engineering “Giulio Natta” of Politecnico di Milano.

In December 2014 he took up position as fixed-term junior assistant professor of Science and Technology of Materials at the Department of Chemistry, Materials and Chemical Engineering “Giulio Natta” of Politecnico di Milano. In February 2018 he was promoted to senior assistant professor with **tenure-track** in the same department.

Since 2014 he serves as **lecturer** for different courses in the **School of Industrial and Information Engineering** (B.Sc. and M.Sc. degree in Materials Engineering and Nanotechnology) and in the **School of Design** (M.Sc. degree in Design & Engineering and M.Sc. degree in Integrated Product Design) of Politecnico di Milano.

His current **research interests** are mainly related to the field of science and technology of materials, and are particularly focused on the development and characterization of **polymeric materials** and on the study of their **structure-property relationships**. Areas of major interest include: materials and devices for **solar** light harvesting, managing and conversion; high-performance **smart** polymeric materials for advanced manufacturing technologies; biodegradable and **bio-derived** polymers and related applications.

He is **author** of > 50 international peer-reviewed works, > 50 contributions to national and international conferences, > 10 invited seminars and talks, 3 book chapters, 1 international and 2 national patent applications.

He has held **visiting positions** at Norwegian University of Science and Technology (Trondheim, NO) in 2003/2004, at University College London (London, UK) in 2004/2005, at University of California at Berkeley (USA) in 2010, and at Universidad de Castilla-La Mancha (Ciudad Real, ES) in 2016.

He is member of the **Editorial Board** of *Heliyon* (Elsevier), *Materials* (MDPI), *Micromachines* (MDPI) and *Polymers* (MDPI), member of the **Scientific Advisory Board** of *Sci* (MDPI) and member of the **Reviewer Board** of *Micromachines* (MDPI) and *Polymers* (MDPI).

He currently serves as **member** of the **commission** for the evaluation of the **admissions** of foreign students to the M.Sc. degree in *Materials Engineering and Nanotechnology* at the School of Industrial and Information Engineering of Politecnico di Milano. He is also **representative member** for the Department of Chemistry, Materials and Chemical Engineering “Giulio Natta” of Politecnico di Milano of the “*Roadmapping team*” of **AFIL** – Associazione Fabbrica Intelligente Lombardia (Intelligent factory association Lombardia).