Prof. Gianmarco Griffini

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Gianmarco Griffini is an **Associate Professor** 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. Between October 2005 and February 2008, he worked as a process engineer in the private oil&gas sector. 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*) at Politecnico di Milano with a thesis on the study, characterization and fabrication of polymer-based photovoltaic systems and luminescent solar concentrators. 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 the position of fixed-term assistant professor of Science and Technology of Materials at the Department of Chemistry, Materials and Chemical Engineering "Giulio Natta" of Politecnico di Milano, and was promoted to an assistant professor tenure-track position in February 2018. In February 2021, he took up the position of Associate Professor of Science and Technology of Materials 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), in the School of Design (M.Sc. degree in Design & Engineering and M.Sc. degree in Integrated Product Design) and in the PhD program in Materials Engineering 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 are: materials and devices for solar light harvesting, managing and conversion; energy storage; high-performance smart polymeric materials for advanced manufacturing technologies; biodegradable and bio-derived polymers and related applications. He is **author** of > 60 international peer-reviewed works, > 60 contributions to national and international conferences, invited talks and seminars, 4 book chapters, 3 international and 2 national patent applications.

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

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 the **coordinator** of the "*Smart plastics and composites*" working group of AFIL – Associazione Fabbrica Intelligente Lombardia (Intelligent factory association Lombardia) and represents AFIL in the Smart Plastics Hub of the European Vanguard Efficient and Sustainable Manufacturing Pilot Initiative.

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

He is a member of the **Royal Society of Chemistry** (MRSC) and of the **American Chemical Society**.