

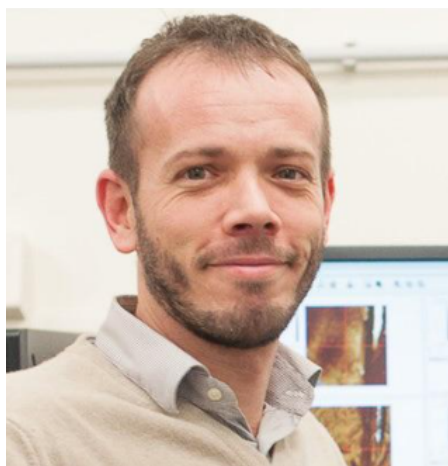


Poly-Char 2026
(Smart, Sustainable & Data-Driven Polymeric Materials:
From Molecular Design to Circular Applications)
November 22-25, 2026 @Chiang Mai, Thailand

Invited Speakers

Alberto Fina

Politecnico di Torino, Italy



Alberto Fina received the PhD in Material Science and Technology from Politecnico di Torino (I) in 2006. He is full professor in Chemistry at Politecnico di Torino, in the Department of Applied Science and Technology. His research activity has been focused on the design, preparation and characterization of polymeric and nanostructured materials. Since 2009, he has been working on thermally conductive polymer nanocomposites, both in terms of applied research and on the fundamental aspect behind the problem of

thermal conductivity in polymer nanocomposites. In particular, a great deal of research efforts has been focused on the study of heat transfer on individual nanoparticles and their networks, as well as on the design and manufacturing of interfaces between nanoparticles, via the covalent or non-covalent chemical functionalization of graphene nanoplatelets. Beside organic functionalization, crystallinity of polymers within nanocomposites was studied in details to define correlations between local crystallinity and thermal conductivity of nanostructured materials. Within this field, peculiar crystallization of several polymers has been observed and studied, aiming at both the understanding of the fundamental aspects and the exploitation for the preparation of advanced nanostructured hybrid materials.

More information: <https://www.polito.it/en/staff?p=013887>

Organized by:



Endorsed by:



Secretariat office: Poly-Char2026

Email: polychar2026@gmail.com

Website: <https://fametu.com/polychar2026/>