

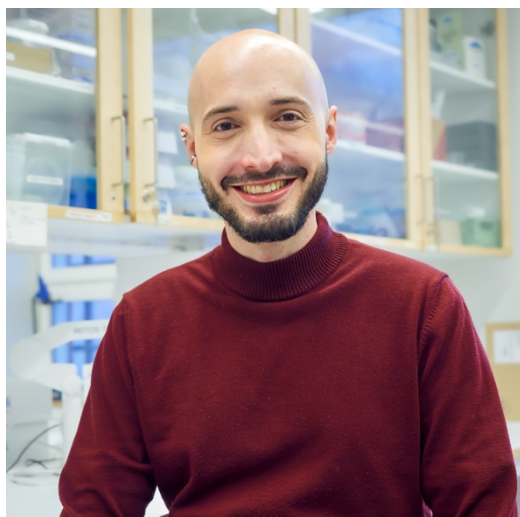


Poly-Char 2026  
(Smart, Sustainable & Data-Driven Polymeric Materials:  
From Molecular Design to Circular Applications)  
November 22-25, 2026 @Chiang Mai, Thailand

## Invited Speakers

### Antonio J. Capezza

KTH Royal Institute of Technology, Sweden



**Antonio J. Capezza** is a Docent in Polymer Technology and a permanent researcher at KTH Royal Institute of Technology, where he leads the BioRESorb team focusing on engineering circular bio-based porous materials manufacturing, following a safe-by-design and easy-to-scale framework. His work bridges polymer science, biomaterials engineering and circular processing, with an emphasis on replacing fossil-based single-use structures used in various applications such as hygiene, agriculture and environmental remediation filters. He obtained a double PhD from the Swedish

University of Agricultural Sciences (SLU) and KTH, specializing in sustainable protein-based superabsorbents. Capezza has built an internationally anchored career with research stays in Japan (University of Tokyo, RIKEN), Spain (Seville University), and has held roles as postdoctoral researcher, invited professor and independent PI. Since 2023, he has coordinated several major projects, including an EU consortium on bio-based sorbent alternatives and several Swedish national grant. His entrepreneurial work includes founding SaniSOLE, a start-up developing sanitary products from industrial biomass waste. He has authored over 60 peer-reviewed articles, several patents, and serves on the Early Career Board of ACS Biomacromolecules. His contributions have been recognised internationally, most notably with the 2025 Richard R. Ernst Award for Young Scientists. Capezza is an active mentor, supervisor and lecturer at KTH, and maintains a broad research network spanning Europe, Asia, Africa and Latin America.

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