



Poly-Char 2026

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

Plenary Speakers

Katja Loos

University of Groningen, The Netherlands



Katja Loos is Professor at the Zernike Institute for Advanced Materials of the University of Groningen, holding the chair of Macromolecular Chemistry and New Polymeric Materials. She was President of the European Polymer Federation from 2023 to 2025. She studied Organic and Polymer Chemistry at Johannes Gutenberg University Mainz and the

University of Massachusetts Amherst, and moved into enzymatic polymerization during her PhD at the University of Bayreuth and the Universidade Federal do Rio Grande do Sul. After a postdoctoral stay at Polytechnic University in Brooklyn, she started her independent career in Groningen. Her work focuses on enzymatic polymerization, including biocatalytic synthesis of polysaccharides, polyamides, and PVDF-based block copolymers. She has received major recognitions including NWO VIDI and VICI grants, the Feodor Lynen Fellowship, the Friedrich Wilhelm Bessel Award, and the IUPAC Distinguished Women in Chemistry Award. In 2023, she was named Knight of the Order of the Netherlands Lion. She is a Fellow of the Dutch Polymer Institute and the Royal Society of Chemistry.

More information: <https://www.rug.nl/research/polymer-chemistry>

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