

RoboChem and the Rise of Intelligent (Flow) Chemistry

Professor Dr. Timothy Noël

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Timothy Noël is a researcher in the field of synthetic organic chemistry and technology, with a particular interest in the delicate synergy between the two fields. In 2004, Tim earned his MSc degree in Industrial Chemical Engineering before pursuing his passion for synthetic organic chemistry, which led him to complete his PhD in the field at Ghent University in 2009. Following his PhD, he traveled across the Atlantic as a Fulbright Postdoctoral Fellow to work with Professor Stephen L. Buchwald at the Massachusetts Institute of Technology (MIT), where he gained valuable experience and expertise in flow chemistry. Upon returning to Europe, he

joined Eindhoven University of Technology as an Assistant Professor in 2012, and later became an Associate Professor in 2017. In 2020, Tim was promoted to Full Professor at the University of Amsterdam, where he is now the Chair of Flow Chemistry. He coordinated the Marie Skłodowska-Curie ETN programs “Photo4Future” (2015-2018) and “PhotoReAct” (2021-2024). He is the editor in chief of Journal of Flow Chemistry and the current president of the Flow Chemistry Society.

His research in the area of flow chemistry was recognized with several awards, including the DECHEMA award (2017), the Hoogewerff Youth Prize (2019), the IUPAC-ThalesNano Flow Chemistry Award (2020), the KNCV Gold Medal (2021), ERC Consolidator Grant (2022), the ACS Sustainable Chemistry & Engineering Lectureship Award (2022) and the ChemSocRev Pioneering Investigator Lectureship (2023). He was also named Fellow of the Royal Society of Chemistry in 2024.

*Get to know Tim better and read his Angewandte Chemie Author Profile.
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