

Hannes Houck obtained a dual PhD degree from Ghent University, Belgium (PhD) and the Karlsruhe Institute of Technology, Germany (Dr. rer. nat.) in 2018, with a 7-month research stay at the Queensland University of Technology in Brisbane, Australia. His PhD thesis, supervised by Prof. Filip Du Prez and Prof. Christopher Barner-Kowollik, investigated the on-demand on/off-switching of 1,2,4-triazoline-3,5-dione reactivity with applications in (de)bondable polymer systems. Following a postdoctoral position at Ghent University working on light-stabilised dynamic materials, Hannes moved to the University of Warwick, UK in 2021 as an independent EUTOPIA Science and Innovation Fellow (MSCA co-fund).

Hannes' research interests lie at the interface of organic synthesis, photochemistry and polymer science with a particular focus on finetuning the reactivity of chemical building blocks to harvest smart material properties, incl. degradability and covalent re-bonding. Currently, he is looking to develop new photochemical approaches to design dynamic covalent polymer materials and is exploring new horizons in continuous flow synthesis and 3D printing.