

Dorien Baeten currently works as an Associate Scientist in the Thermal Analysis & Calorimetry laboratory within DSM Materials Science Center (Geleen, the Netherlands). Her main expertise is situated within the field of polymer science, more precisely polymer crystallization, linking thermal properties to morphology and fast scanning calorimetry. She obtained a Ph.D. in Chemistry at the Department of Chemistry of the KU Leuven (Belgium) in December 2016. Her (post)doctoral research was performed in the Laboratory of Macromolecular Structural Chemistry under supervision of Prof. Bart Goderis and Prof. Peter Van Puyvelde in collaboration with Prof. Vincent Mathot. This research focused on the crystallization behavior of polymers at very high scanning rates or at high supercoolings by using fast scanning calorimetry combined with in-situ structural investigation techniques. Her research work was well received within the scientific community resulting in the Thermal Analysis award for Young Scientists (TAWN, 2015) and the ICTAC travel grant for Young Scientists (ICTAC, 2016)