

PRESENT RANK: Senior Full Professor (Ghent University, Faculty of Sciences)

PROFESSIONAL EXPERIENCE (selection)

- 2019: Promotor of doctor honoris causa degree for Prof. Ludwik Leibler (ESPCI, France), inventor of vitrimers (one of main research themes PCR, see below)
- 2016 - now Representative of the Belgian Polymer Group (BPG) in the European Polymer Federation (EPF).
- 2018 - now Associate Editor of [Polymer Chemistry](#) (RSC journal)
- 1999 - now Professor (full Professor since 2010) and research leader Polymer Chemistry Research Group (PCR, 25 researchers), Faculty of Sciences/ Department of Organic and Macromolecular Chemistry, Ghent University. [Prometheus award 2014 for best researcher of Ghent University](#)
- 2008 - now Promotor-Coordinator of [valorization consortium Chemtech](#) dealing with the research valorization of 20 UGent research groups
- Since 2015 Founder of Centre of Macromolecular Chemistry at UGent (80 researchers), see www.CMaC.ugent.be
- 2008 -2018 Associate Editor of European Polymer Journal (Elsevier journal)
- 2008 Visiting professor, University of New South Wales/ Sydney, Australia

SUPERVISION EXPERIENCE/HIGHLIGHTS

2000 – now Supervision of [36 Postdocs](#) (actually 6 postdocs)/ [54 PhD's](#) (39 graduated, actual supervision of 15 PhD researchers) in Department of Organic and Macromolecular Chemistry, Ghent University

Seven former postdocs and one PhD have taken up academic positions (France, UK, NL, India, Argentina, Vietnam, China) while at least 15 postdocs and 20 PhD researchers occupy important industrial (research) positions in chemical/material/life science companies such as 3M, Agfa, Allnex, Arkema, Bayer, BASF, Dow, DSM, Huntsman, etc.

Five most important achievements over the past 10 years

- During the last decade, the PCR group has made key contributions to the field of efficient functionalization/reversibility (**(de)click chemistry**) of polymer structures.
Recent papers: *Macromolecules* (2018); *Chem. Rev.* (2016), *Angew. Chem* (2015), *Nature Chemistry* (2014),...
- The group has been the first chemistry-focused group, focusing on the field of **vitrimers**, invented in 2011 (235 papers world-wide until now) and receiving very high academic/industrial interest.
Recent papers: *J. Am. Chem. Soc.* (2019), *Mater. Hor* (2019), *J. Am. Chem. Soc.* (2019), *Nat. Comm* (2018), *Nat. Comm.* (2017), *Chem. Sci* (2017), *Prog. Polym. Sci* (2015), *Adv. Funct. Mat.* (2015), ...
- The group received very high visibility (also in media) by the invention of precision polymers (sequence defined polymers) for **data storage on a chemical powder**. In the area of sequence defined polymers, I became coordinator of an EOS project in 2018 and participated earlier as co-PI in a European project EUROSEQUENCES.
Recent papers: *Polym. Chem.* (2019), *Nat. Comm* (2018), *J. Am. Chem. Soc.* (2016),
- Besides being the organizer of more than 10 other **international conferences on polymer chemistry/science**, I organized/chaired the international conference on *Advanced Polymers via Macromolecular Engineering* (APME) in Ghent (2017, 500 participants) and the European Polymer Federation Summer School on "Dynamic and Reversible Polymer Networks" (Italy, 125 participants).
- In 2018, after 10 years of being editor for European Polymer Journal, I became **editor** of *Polymer Chemistry*, an RSC journal that is the most recognized journal in the area of polymer synthesis (9th from 87 polymer science journals).