



Department of Organic and
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[Prof. Dr. Filip Du Prez](#)

Associate editor Polymer Chemistry

Since 1999, Prof. Filip Du Prez is heading the Polymer Chemistry Research group (PCR), which is focusing on the development of new polymer structures, exploration of powerful polymer functionalization methods and the design of (circular) polymer materials for high-value applications.

The *threemain PCR research themes* are:

- 1) From polymer functionalization to absolute control
- 2) Dynamic and self-healing polymeric materials
- 3) Giving renewable polymers function(ality)

A couple of actual topics are sequence defined polymers, vitrimers, novel click chemistries in macromolecular science, functional polymers from renewable resources and self-healing polymers.

This research resulted in more than 300 A1 publications (more than 8000 citations, h-index > 50), more than 10 book chapters, 12 patent applications and more than 20 (inter)national awards for the PCR- coworkers in the last 5 years. In 2014, he received the *UGent Prometheus research award* for several groundbreaking contributions to research in polymer science. He is promotor-coordinator of the UGent Chemtech valorization consortium, including 2 business developers, that takes care of the interface between chemistry research at UGent and the industry.

In 2008, he had a Visiting Professor position at the CAMD Research Centre (UNSW, Sydney). Since 2016, he is the representative of the Belgian Polymer Group in the European Polymer Federation (EPF). Since 2018, he is associate editor of the RSC-journal Polymer Chemistry.