

## **Prof. Iwan Moreels**

*Physics and Chemistry of Nanostructures, Department of Chemistry,  
Ghent University, Krijgslaan 281-S3, 9000 Gent, Belgium  
E-mail: [iwan.moreels@ugent.be](mailto:iwan.moreels@ugent.be)*

### **Bio sketch**

Prof. Moreels received his Ph.D. degree in applied physics from Ghent University (Belgium) in 2009. The Ph.D. encompassed the synthesis and application of near-infrared colloidal quantum dots on a silicon photonics platform. He continued as a postdoc at Ghent University in collaboration with the IBM Zurich research lab (Switzerland), focusing on the investigation of fluorescent quantum dots using ultrafast optical spectroscopy. In 2012 Prof. Moreels joined the Istituto Italiano di Tecnologia, where he worked as a researcher and started, in 2014, the Nanocrystal Photonics Lab in the Nanochemistry Department. The main theme was the synthesis and optical spectroscopy of fluorescent nanocrystals. In 2017, he returned to Ghent University and joined the Physics and Chemistry of Nanostructures group, continuing his work on colloidal nanomaterials, more specifically the synthesis of 2D nanocrystals. The quality of Prof. Moreels's research is testified by over 130 papers in highly ranked journals including Nature Nanotechnology, Science etc. His HI is 50 and he collected over 9000 citations. In 2016 Prof. Moreels received the prestigious ERC starting grant.