

# Boris Louis

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## Experience

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**From Sep 2016 to now:** Joint PhD between *KULeuven* (Belgium) and *Lund University* (Sweden).

Understanding of polymer physics and conjugated polymer photo-physics with super-resolution microscopy

**From Jun 2016 to Sep 2016:** Researcher at *KULeuven*.

I am involved in the development of the imaging method and imaging conditions for optical DNA mapping using super-resolution methods (e.g. STED, STORM).

## Education

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**From Sep 2014 to Jun 2016:** Master in Chemistry (**Summa Cum Laude**) from the University of Liege.

Master thesis at KULeuven in **Prof. Dr. Hofkens** single-molecule detection group: *Stimulated emission depletion microscopy for super-resolution optical DNA mapping*.

Year 2014-2015 : Erasmus Student at Lund University. I performed a Research project in **Prof. Dr. Scheblykin** single-molecule spectroscopy group: Investigation of the photo-stability of MEH-PPV conjugated polymer.

**From Sep 2011 to Jun 2014:** Bachelor in Chemistry (**Magna Cum Laude**) at the University of Liege. Research project in **Prof. Dr. Duwez** Nanochemistry group: Investigation of the interactions between a GEPI and a gold surface by AFM.

**From Sep 2005 to Jun 2011:** Secondary school at Athenee Royale Charles-Rogier (Liege 1). General, oriented toward sciences.

## Contact information:

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## Other work experience

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**Between 2011 and 2014 :** Stage builder for events (e.g. Music festival, concerts) at Sans-frontiere, Grace-Hollogne (Belgium).

**Between 2012 and 2014 :** Archivist (punctual work) at the History of Sciences Faculty - ULg.

## Computer skills

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**Good Knowledge** - Matlab, Adobe Illustrator, Javascript, IGOR, LaTeX.

**Basic Knowledge** - C and C++ programming, Java, Python, HTML, CSS.

## Languages

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**French** - Native.  
**English** - Very good speaking and writing.

## Leasure activities

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**Sport** - Karate (Black Belt), Fitness, Biking, Skiing.

**Music** - Concerts, Festivals, playing the guitar.