

## SHORT RESUME



dr hab. Julien Guthmuller, prof. uczelni

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Julien Guthmuller is an associate professor at the Faculty of Applied Physics and Mathematics of Gdańsk Tech, and is the head of the division of computational chemical physics at the Institute of Physics and Applied Computer Science. His research interests concern the development and application of quantum chemistry methods for the prediction and interpretation of molecular/material properties and spectra, in particular in the field of solar energy conversion.

He holds a PhD in physics from the University of Lyon (France). Before joining Gdańsk Tech, he was a postdoctoral fellow at the University of Namur (Belgium) and at the University of Jena (Germany). He is the author of more than 60 scientific publications and coordinated several national and European scientific projects. He has experience in teaching quantum chemistry and numerical methods as well as in the supervision of Master and PhD students.

### DIPLOMAS AND DEGREES

- Nov. 2014      **Habilitation in physical sciences** (discipline physics) of Gdańsk University of Technology, Faculty of Applied Physics and Mathematics, Gdańsk, Poland.  
**Title of thesis:** *Theoretical simulation of electronic and vibrational spectroscopies for organic dyes and transition metal complexes.*  
**Date:** 21 November 2014
- Oct. 2003 – Oct. 2006      **PhD in physics** (molecular physics) of University Claude Bernard Lyon I (UCBL), Lyon, France.  
**Title of thesis:** *Theoretical study of conjugated molecules of biological interest for nonlinear optics.*  
**Supervisor:** Prof. Daniel Simon  
**Date of defense:** 17 October 2006
- Oct. 2002 – Jul. 2003      **Master in physics** (DEA Particles, Nuclei, Atoms and Photons) of University Claude Bernard Lyon I (UCBL), Lyon, France.  
**Title of thesis:** *Excited states of conjugated molecules. Application to nonlinear optics.*  
**Supervisor:** Prof. Daniel Simon
- Oct. 1997 – Jul. 2002      **DEUG, Licence and Maîtrise** in physics of University Louis Pasteur (ULP), Strasbourg, France.

## EMPLOYMENT AND RESEARCH EXPERIENCE

- From Oct. 2021 **Associate Professor (prof. uczelni)** at the Faculty of Applied Physics and Mathematics, Gdańsk University of Technology (GUT), Gdańsk, Poland.  
Division of Computational Chemical Physics (Head dr hab. Julien Guthmuller)
- Dec. 2017 – Sep. 2021 **Associate Professor (prof. uczelni)** at the Faculty of Applied Physics and Mathematics, Gdańsk University of Technology (GUT), Gdańsk, Poland.  
Division of Theoretical Physics and Quantum Information (Head Prof. Józef E. Sienkiewicz)
- Oct. 2011 – Nov. 2017 **Assistant Professor (Adiunkt)** at the Faculty of Applied Physics and Mathematics, Gdańsk University of Technology (GUT), Gdańsk, Poland.  
Division of Theoretical Physics and Quantum Information (Head Prof. Józef E. Sienkiewicz)
- Jul. 2009 – Sep. 2011 **Postdoctoral stage** at the Institute of Physical Chemistry, Friedrich Schiller University Jena (FSU), Jena, Germany.  
Group of Prof. Leticia González
- Jan. 2007 – Jun. 2009 **Postdoctoral stage** at the Laboratoire de Chimie Théorique Appliquée (CTA), University of Namur, Namur, Belgium.  
Group of Prof. Benoît Champagne
- Feb. 2003 – Oct. 2006 Preparation of the **Master** and **PhD** thesis at the Laboratoire de Spectrométrie Ionique et Moléculaire (LASIM), University Claude Bernard Lyon I (UCBL), Lyon, France.  
Group of Prof. Daniel Simon