

Personal Information

Family name, First names: **GŁOWACKI, ERIC DANIEL**

ORCID: 0000-0002-0280-8017 | Researcher ID: F-1327-2016

Date of birth: 27.10.1986 / Citizenship: Poland

Education and professional preparation

2020	<i>Docent</i> Biomedical Engineering/Faculty of Electrical Engineering and Communications, Brno University of Technology (VUT)/Brno, Czech Republic
2019	<i>Docent</i> Applied Physics/Linköping University (LiU)/ Norrköping, Sweden
2013	<i>Dr.techn.</i> Physical Chemistry/ Johannes Kepler University (JKU)/ Linz, Austria
2010	<i>Master of Science</i> Chemistry/ Department of Chemistry/ University of Rochester, Rochester, USA
2009	<i>Bachelor of Science</i> Double Major in Chemistry and History/ University of Rochester, Rochester, USA
2005	<i>EMT-B Emergency Medical Technician</i> New Jersey Department of Health, USA

Employment

2020 –	<i>Research Group Leader</i> Central European Institute of Technology (CEITEC) @ VUT/ Brno, Czech Republic
2019 – 2023	<i>Adjunct Visiting Researcher</i> Faculty of Chemistry/ Warsaw University of Technology/ Warsaw, Poland
2016 – 2021	<i>Associate Professor</i> Laboratory of Organic Electronics/Applied Physics/Linköping University/ Norrköping, Sweden
2015 – 2016	<i>Assistant Professor</i> Physical Chemistry/ Johannes Kepler University Linz/ Austria
2013 – 2015	<i>Postdoctoral Assistant</i> Physical Chemistry/ Johannes Kepler University Linz/ Austria
2010 – 2013	<i>PhD Student</i> Physical Chemistry/ Johannes Kepler University Linz/ Austria
2007 – 2010	<i>Research Engineer</i> Optical Materials/ Laboratory for Laser Energetics/ University of Rochester/ USA

Scientific Publications

Overview: **115** peer-reviewed publications in WoS, **3** book chapters, **3** patents, **1** pending patent application.

Google Scholar: **7450** citations, H-index: **35**, i10 index: **66**.

WoS: **8000** citations, H-index: **36**

Full publication list and citations: <https://scholar.google.pl/citations?user=AXO1IWYAAAAJ&hl=cs>

Supervision of graduate students and postdoctoral fellows

2020 – present	CEITEC/Brno University of Technology <ul style="list-style-type: none">- 3 Senior Researchers + 3 postdoctoral scholars currently in group- 2 PhD students
2017 – 2021	Linköping University/Applied Physics <ul style="list-style-type: none">-Postdoctoral scholar supervision 8 scholars for at least 2-year periods (a former postdoc, Vedran Derek, received 09.2019 tenured professor position at University of Zagreb; former postdoc Mary Donahue promoted 01.2021 to tenured group leader at LiU; former postdoc Magdalena Warczak got senior researcher position at Polish Academy of Sciences Physical Chem. Institute in 2020; the remainder remain employed as postdocs or senior researchers at LiU)-2 PhD students as main supervisor (M. Gryszel defended 03.2020, got postdoc at LiU after continuing in PIs group; E. Miglbauer, planned defense 01.2023)-1 MSc thesis as co-supervisor, completed (E. Miglbauer)- Hosted 5 international Erasmus+ trainees at the MSc or PhD level, roughly 1 every half-year

- 2014 – 2016 Physical Chemistry/ Johannes Kepler University Linz/ Austria
- Supervisor for 4 MSc theses and 3 BSc theses. All four MSc graduates went on to PhD studies, and had won conference presentation prizes and scholarships while MSc students.

Teaching Activities

- 2017 – 2020 Lecturer – *Organic Electronics*, two-semester course. One of 5 lecturers who share lectured and workshops/lab practical modules. (at Linköping Uni)
- 2011 – 2016 Course leader - *Laboratory course of Physical Chemistry III*. Every semester I was responsible for the block lab practicals for chemistry students in physical chemistry. (Johannes Kepler Uni)
- 2016 *Advanced Materials – Bioorganic semiconductors* seminar leader (Johannes Kepler Uni)
- 2012 *Dye Chemistry and functional dyes*. Course and lab leader. (Johannes Kepler Uni)
- 2011, 2012, 2016 *Organic electronics laboratory*, laboratory practical course leader. (Johannes Kepler Uni)

Organization of scientific meetings

- 2014 - 2022 Lead organizer for the years 2014-2019, 2022- of the International Winterschool on Bioelectronics www.bioel.at in Kirchberg, Austria, now in its 8th edition.
- 2015, 2017 Organizer Symposium BM03—*Biological and Bioinspired Materials for Photonics and Electronics* at the Materials Research Society MRS Fall meeting, Boston, USA.

Awards

- 2018 Dream Chemistry Award, laureate <http://dreamchemistryaward.org/>
Poland/Czech Republic
- 2013 Austrian Federal Ministry of Science and Research (BMW_F) “Award of Excellence 2013” –
For outstanding PhD dissertation. Austria
- 2010 European Science Foundation Organosolar Scholarship, #2893
Scholarship for 6-month research stay in Linz, Austria

Commissions of Trust

- Since 2010 Reviewer for major journals, including *Nature Materials*, *Nature Communications*, *Science Advances*, *Angewandte Chemie*, *Advanced Materials* family journals, *Applied Physics Letters*, *Journal of Applied Physics*. Several RSC and ACS journals. Roughly 30 review assignments completed per annum.
- Top-25 Outstanding Reviewer Certificate from *Journal of Materials Chemistry C* (2018)
- Since 2016 Opponent for seven PhD defenses (1 Australia, 1 Sweden, 1 Poland, 2 France, 1 Austria, 2 Switzerland)

Publicly-Funded Projects

- 2023: GAČR standard project #23-07432S, “Faraday’s Scalpel: electrochemical oxygen reduction for precise neural tissue ablation” (**500 k€** / 3 years)
- 2020: ERC Starting Grant 2020, #949191 Optoelectronic Medicine „OPTEL-MED“ (**1.5M€** / 5 years)
- 2019: Swedish Foundation for Strategic Research Future Research Leaders grant (SSF-FFL2020) “Nerve cell regulation with light” **1.2 M€** 2020-2025 Sole applicant: E. Glowacki [grant won, but turned down by applicant due to decision to move from Sweden]
- 2019: National Science Centre NCN, Poland (NCN: 2019/33/B/ST5/01212) “Amphiphilic organic electronic materials for sustainable catalytic generation of hydrogen peroxide” **223 k€**. (2020-2022)
- 2018: Swedish Science Foundation (Vetenskapsrådet, 2018-04505) „Organic photocapacitors for cellular photostimulation”, **330 k€** 2019-2022. Sole applicant: E. Glowacki
- 2018: Knut and Alice Wallenberg (KAW) Foundation, consortium grant with 6 partner groups. “Hydrogen Peroxide - Fuel and Energy Technology for the Future” Co-applicant: Eric Glowacki. **600 k€** for Glowacki group, 2019-2023
- 2016: Wallenberg Centre for Molecular Medicine at Linköping University – Group seed funding (2017-2021), **2.5 M€** Sole recipient: E. Glowacki
- 2013: Austria FWF project TRP 294-N19: “Indigo: From ancient dye to modern high-performance organic electronics circuits” Group Leader at JKU, (February 2013 – February 2016) **350 k€**