

Ibrahim Sadiek

Staff Scientist, Faculty of Physics and Astronomy, Ruhr University Bochum

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EDUCATION AND KEY QUALIFICATIONS:

- 2017 PhD (**summa cum laude – with highest honors**). Institute of Physical Chemistry, University of Kiel, Germany. Supervisor: Prof. G. Friedrichs
- 2011 MSc (**with highest honors**). College of Science, Cairo University, Egypt. Subject: Physical Chemistry
- 2008 BSc (**with distinction**). College of Science, Cairo University, Egypt. Subject: Physics and Chemistry

CURRENT AND PREVIOUS POSITION:

- 2025 – **Principal Investigator/Staff Scientist**. Chair for Experimental Physics V, Faculty of Physics and Astronomy, Ruhr University Bochum, Bochum, Germany.
- 2020 – 2024 **Research Scientist**. Dept. of Plasma Diagnostics, Leibniz Institute for Plasma Science and Technology (INP), Greifswald, Germany.
- 2018 – 2020 **Postdoctoral Fellow**. Group of “Optical Frequency Comb Spectroscopy”, Dept. of Physics, Umeå University, Sweden.
- 2012 – 2017 **Researcher** (PhD student). Institute of Physical Chemistry, Kiel University, Germany.
- 2011 – 2012 **Research Assistant**. College of Engineering, Qatar University, Qatar.
- 2008 – 2011 **Lecturer Assistant**. College of Science, Cairo University, Egypt

EXTERNAL FUNDING AS PI:

- 2025 – 2029 **Principal investigator**. Collaborative Research Center 1316 — Transient Atmospheric Plasmas: From Plasmas to Liquids to Solids, (as **CO-PI** of Project A2). Project No. 327886311
- 2022 – 2025 **Principal investigator**. German Research Foundation grant – “*Eigene Stelle*”. Project No. 499280974

AWARDS:

- 2018 • “**Faculty Prize**” for the best PhD thesis from the Faculty of Mathematics and Natural Sciences, Kiel University, Germany
- 2017 • “**summa cum laude**”, PhD with highest honors, Kiel University, Germany
- 2013 • PhD Fellowship, HOSST graduate school, Helmholtz Association, Kiel, Germany
- 2012 • “**Award of Distinction**” for the best MSc thesis, Cairo University, Egypt
- 2008 • “**Schlumberger GmbH Prize**” for distinguished BSc students (granted to top three), Cairo University, Egypt

COMMISSIONS OF TRUST:

- 2026 –
 - Chair of Science and Innovation 13: Active Optical Sensing, CLEO – Conference on Lasers and Electro-Optics
 - Member of the Plasma Science Hub, Ruhr University Bochum
- 2025 –
 - Committee member of Science and Innovation 13: Active Optical Sensing, CLEO – Conference on Lasers and Electro-Optics:
- 2024 –
 - Member of the German Physical Society (*DPG – Deutsche Physikalische Gesellschaft e.V.*)
- 2023 –
 - Reviewer for **finding agencies**: • French National Research Agency (ANR), • Polish National Science Centre (NCN)
 - Member of ARIEL Space Consortium (ARIEL: Atmospheric Remote-sensing Infrared Exoplanet Large-survey) – Spectroscopic Data Working Group
- 2013 –
 - Member of the German Bunsen Society for Physical Chemistry (*DBG – Deutsche Bunsen-Gesellschaft für physikalische Chemie e.V.*)
 - Reviewer for **journals** (selected): • Physical Chemistry Chemical Physics, • Optics Letters, • ACS Omega, • Applied Physics D, • Applied Physics B, • Optics Express, • Scientific Reports, • Journal of Optics IOP, • Advanced Photonics Research