

Research
Assistant TU DRESDEN

03/2009–09/2010 Research: Reaction mechanisms Advisor: Prof. THOMAS STRASSNER

VISITING SCHOLAR AND INTERNSHIPS

Visiting
Scholar HEBREW UNIVERSITY — Jerusalem, IS

05/2016, 08/2015 Visitor at the Fritz Haber research center with Prof. DANIEL HARRIES

Research
Chemist GLAXOSMITHKLINE PLC — Harlow, UK

07/2007–09/2007 Internship in the analgesics department. Synthesis of candidate compounds.

ACADEMIC OUTREACH AND AWARDS

Scholarships and
Prizes

2019 · PRIMUS grant for a junior research group (Prague, Czech Republic)
2018 · Teva Faculty Day poster prize
2016 · Minerva Postdoctoral Fellowship
2014 · DAAD PRIME Postdoctoral Fellowship
2011 · DAAD Rise internship (as host)
2008 · Bourse Villes Jumelles Strasbourg
2005 · Double Diploma with scholarship of DFH-UFA

Talks

2023 · Biological-Mathematical Seminar; MLU Halle-Wittenberg (invited)
2022 · DfGB Tagung, Biophys. Society (by student), Levi V talk+ chair,
(invited), Kácov, (invited), CCC Nuremberg (invited)
2021 · Bunsentagung, talk, session chair
2020 · EMS School, Kácov; DGfB Meeting, Drübeck
2018 · ICS (flash talk), Tel Aviv; Levi 4, Nové Hrady; ECIS, Ljubljana
2017 · HUJI Nano, Dead Sea; Uni Regensburg; Fritz Haber Seminar, Jerusalem
2016 · European Membrane Workshop, Dresden; FU Berlin
2015 · Levi Meeting, Nové Hrady; Invited Talk, Uni Regensburg
2014 · IOCB Prague, CESTC Nagyörzsöny
2013 · Bunsentagung, IOCB Prague
2012 · CECAM Photochemistry Workshop Lyon

Posters

2009-2023 · DPG 2011-14, CPMD 2011, STC 2012, Bunsentagung 2012, ISTCP 8,
CPMD 2013, STC 2013, EBSA 2015, Zsigmondy-Kolloquium 2016, STC 2016-17,
HUJI NANO 2017-18, Teva Faculty Day 2018 (Prize), ICS 83, Helsinki
Membrane Workshop 2018, Biophysical Society Meeting 2019,2022 DGfB 2020

Journal Referee

J. Phys. Chem., J. Am. Chem. Soc., ACS Nano, Commun. Biol., J. Chem. Phys.,
PLoS Comput. Biol., Biophys. J., J. Chem. Theory Comput., J. Organomet.
Chem. (guest)

Memberships

DPG, GDCh, Biophysical Society, DGfB, Engineers without borders

Free Software
Contributions

GitHub: <https://github.com/allolio/>

TEACHING

Lectures

2019 · Molecular Dynamics II (Uni Regensburg, with Prof. Horinek)
2020-2024 · Simulation and Theory of Biological and Soft Matter Systems I -
Biopolymers, Ions and Small Molecules · II - Interfaces, Self-Assembly and
Networks (fully independent 2 semester lecture)
2023/2024 · Tutorial Applied Mathematics

Students

PhD: 2024-now Jovi Koikkara (Mathematical Modelling), (2020-2024) Hanieh
Ghodrati (Chemistry, Coadvisor), · Postdoc: Sukanya Konar (now U. Illinois
Chicago), Spyros Kallivokas (now Greek Army), Mark Dostalík (now MSD),
Hina Arif (now IS Tartu), Jiří Zeman, Petr Pelech · D.A.A.D. RISE intern
(2011), Erasmus+ intern (2024)

PUBLICATION RECORD

Web of Science

H-INDEX: 17, CONTRIBUTIONS: 40, TOTAL CITATIONS: 724

Selected Papers
(main author)

1) ACS Nano, 15, 8, 12880–12887 2021
2) Angew. Chem. Int. Ed. 59, 36, 15575-15579 2020
3) Proc. Natl. Acad. Sci. U.S.A., 115, 11923-11928 2018