

**RESEARCH EXPERIENCE**

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- 10/2021 – **EPSRC Postdoctoral Research Fellow, Department of Physics, Oxford**  
09/2024 ‘Quantifying and Improving Structure-Function Relationships of All-Small-Molecule Organic-Solar-Cells’
- 11/2021 – **Visiting Researcher**  
04/2022 **North Carolina State University, USA** (PI Prof. Harald Ade)  
Microstructure and phase diagrams of small molecule blends
- 11/2018 – **Postdoctoral researcher, Department of Physics, University of Oxford**  
09/2021 **Advanced Functional Materials and Devices Group** (PI Prof. Moritz Riede)  
Device physics of organic solar cells, Project: GCRF START
- 01/2020 – **Visiting Researcher**  
03/2020 **Åbo Akademi, Finland** (PI Prof. Ronald Österbacka)  
Understanding Charge Transport Limitations in Evaporated Organic Solar Cells
- 01/2015 – **PhD Thesis, IEK-5 – Photovoltaics, Forschungszentrum Jülich, Germany**  
10/2018 **Organic and Hybrid Solar Cells Group** (PI Prof. Thomas Kirchartz)  
‘Inhomogeneity, Transport and Recombination in emerging Thin-Film Solar Cells’
- 06/2011 – **Industry Internship: Saint-Gobain Sekurit, Herzogenrath, Germany**  
08/2011 Design of IEC61215 photovoltaic module qualification tests

**AWARDS, SCHOLARSHIPS AND GRANTS**

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- 10/2021 - **EPSRC Postdoctoral Research Fellowship** (EP/V035770/1, £510,000) and  
09/2024 distinguished **David Clarke Fellowship** for research on low carbon technologies
- 10/2022 – **Junior Research Fellowship, Linacre College, University of Oxford**  
09/2024 Competitive application for membership of multidisciplinary community of scholars
- 04/2022 – **John Fell Fund (internally awarded) ~£ 10k: Start-up for applicant in early stages**  
04/2023 of research career. ‘Methods and Models to Characterize Organic Photovoltaics’
- 05/2020 **Research England QR-GCRF grant (as co-I, internally awarded) ~£ 39k**  
‘A Foundry for Advanced Functional Materials’

**TEACHING**

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- Since 2019 **Tutor & Assessor, University of Oxford**  
Tutor: Condensed Matter Physics, Vector Calculus  
Assessor: MSc Energy Systems essay, MSc physics thesis
- 03-07/2014 **Teaching assistant, Math & Science Department**  
**German Univ. of Technology in Oman (GUtech), Muscat, Oman**

**LEADERSHIP**

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- Since 2021 **OPEN steering group member, Oxford Policy Engagement Network**
- Since 2019 **Co-supervisor of six PhD students, Department of Physics, Univ. of Oxford**
- Since 2019 **Super-user main evaporation chamber, lab manager, Univ. of Oxford**

**DISSEMINATION, OUTREACH & PROFESSIONAL DEVELOPMENT**

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- Publications** 6 first- & 10 co-authored papers in international peer-reviewed scientific journals
- Presentations** 7 invited talks to departmental seminars and conferences  
8 oral and 3 poster presentations at international conferences
- Courses** **Become a Science Founder** by Wilbe (2021, selected participant)  
Innovation Leadership Programme (2021, Univ. of Oxford, MPLS division)