

## Curriculum Vitae – Jonathan J. Staaf Scragg

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**Marital Status:** Married, two children (born May 2014, March 2016)  
**Personal number:** 19830403-3437

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### Bibliometric Information

Total number of peer-reviewed articles: 49  
Total number of citations: 2945  
H-index: 21  
Database used: Web of Science (accessed 2019-08-28)

### Higher Education qualifications

Master's Degree, Natural Sciences (Physics, Chemistry, Materials Science), University of Cambridge, UK, 2005

### Doctoral Degree

PhD in Physical Chemistry, supervisor Prof. L. M. Peter, University of Bath, UK; "Studies of Cu<sub>2</sub>ZnSnS<sub>4</sub> films prepared by sulfurisation of electrodeposited precursors", 2010

### Postdoctoral Positions

2010-12 Division of Solid State Electronics, Uppsala University

### Qualification required for appointment as a docent:

Docent (Associate Professor) in Engineering Sciences at Faculty Science and Technology, Uppsala University, 2017

### Current position

Associate Senior Lecturer in thin film solar cells (80% research), Division of Solid State Electronics, Dept. of Engineering Sciences, Uppsala University

### Previous positions and periods of employment

2012-18 Researcher, Division of Solid State Electronics, Uppsala University  
2005-6 Research engineer, Voller Energy Ltd, UK

### Interruption in research

*Periods of parental leave, equivalent to ca. 1 year of full time leave since May 2014:*

2019 1 Jan – 10 Feb on leave 15% (working 85%); 11 Feb to present, on leave 10%  
2018 1 Jan – 21 Dec on leave 15% (working 85%)  
2017 21 August – 30 Dec on leave 25% (working 75%)  
2016 8–21 March on leave 100%; 25 April – 31 Dec on leave 10% (working 90%).

- 2015 18 May – 30 Oct on leave 80% (working 20%); 30 Oct – 31 Dec on leave 15%  
(working 85%)  
2014 8–21 May on leave 100%; 23 June – 8 August on leave 100%

### **Supervision of PhD students and postdocs**

- Main supervisor to Corrado Comparotto, PhD student, Jan 2019 - present
- Advisor to Kostiantyn Sopiha, Postdoc, Oct 2018 - present
- Advisor to Rongzhen Chen, Postdoc, June 2017 – March 2018
- Advisor to Alexandra Davydova, Postdoc, May 2016 – present
- Main supervisor to Katharina Rudisch, PhD student, Jan 2015 – present
- Co-supervisor to Sven Englund, PhD student, Nov 2014 – present
- Co-supervisor to Yi Ren, PhD student, March 2013 – March 2018

### **Grants awarded in competition**

- 2018 Materials Foundation grant via Ångström Microstructure Laboratory, for the purchase of a quantum yield spectrometer, 1 300 000 SEK
- 2018 Recipient of Göran Gustafsson prize for young researcher, 2 500 000 SEK, 3 years
- 2017 Vetenskapsrådet Project Grant, “From halide to chalcogenide perovskites: experimental and theoretical insights into the new ionically-bonded semiconductor BaZrS<sub>3</sub>”. Main applicant, 3 600 000 SEK, 4 yrs.
- 2016 SSF Materials Science Framework Grant, “Gradient Control in Thin Film Solar Cells” Co-applicant (main applicant Charlotte Platzer-Björkman), 6 000 000 SEK awarded as co-applicant, of a total 31 000 000 SEK, 4 yrs
- 2012 Vetenskapsrådet Starting Grant, “Cation disorder in quaternary chalcogenide semiconductors” Main applicant, 3 200 000 SEK, 4 yrs

### **Other information of relevance to the application**

- 2016 Uppsala University Oscars Prize in recognition of outstanding scientific writing
- 2011 “Springer Theses” Award recognising outstanding Ph.D. research
- 2017,20 Invited lecture on solar cells for the Continuing Education Institute (CEI-Europe)
- 2015-7 Abstract selection committee, IEEE photovoltaics specialist’s conference
- 2015 Keynote speaker at 6th European Kesterite Workshop, 21-23 Nov, Newcastle, UK.
- 2015 Invited plenary speaker, Euromat conference, 22 Sept, Warsaw, Poland
- 2014 Invited plenary speaker at the Easter Meeting for the Solid-State Group of the Royal Society of Chemistry (UK), 14th - 16th April