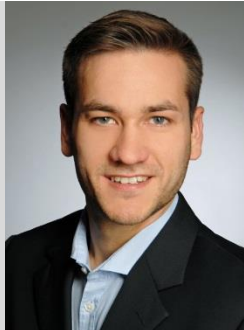


Prof. Dr. Steve Albrecht



Current positions

Head of Young Investigator Group on perovskite based tandem solar cells (since 2016)

Junior Professor at Technical University Berlin (since 2018)

Previous positions

Scientist at HZB, Institute for Silicon Photovoltaics

Research Assistant at University of Potsdam, Soft Matter Physics

Scientific degree

Dr. rer. nat. in Physics from University of Potsdam (2015)

Recent research topics

Metal-halide perovskite solar cells, hybrid multi-junction devices, material science, solar cell device physics

Awards, honors, memberships

Karl-Scheel-Award of the Berlin Physical Society (PGzB) (2019)

Apple of Inspiration Award by the Slovenian President (2018)

Junior Scientist Award of the Leibniz-Kolleg Potsdam (2015)

Publications/Patents (5 most important)

- **S. Albrecht** and **B. Rech**, Perovskite solar cells: On top of commercial photovoltaics, *Nat. Energy* 2, 16196 (2017) [doi:10.1038/nenergy.2016.196](https://doi.org/10.1038/nenergy.2016.196)
- **S. Albrecht**, M. Saliba, J. P. Correa Baena, **F. Lang**, **L. Kegelmann**, et al., Monolithic perovskite/silicon heterojunction tandem solar cells processed at low temperature, *Energy Environ. Sci.* 9, 81 (2016) [doi:10.1039/C5EE02965A](https://doi.org/10.1039/C5EE02965A)
- **E.L. Unger**, **L. Kegelmann**, K. Suchan, D. Sörell, **L. Korte**, **S. Albrecht**, Roadmap and roadblocks for the band gap tunability of metal halide perovskites, *J. Mater. Chem. A* 5, 23 (2017), [doi:10.1039/C7TA00404D](https://doi.org/10.1039/C7TA00404D)
- M. Stollerfoht, C. M. Wolff, **J. A. Márquez**, S. Zhang, **C. J. Hages**, **S. Albrecht**, et al., Visualization and suppression of interfacial recombination for high-efficiency large-area pin perovskite solar cells, *Nat. Energy* 3 (2018) [doi:10.1038/s41560-018-0219-8](https://doi.org/10.1038/s41560-018-0219-8)
- A. Magomedov, **A. Al-Ashouri**, Kasparavicius, **S. Albrecht**, V. Getautis, et al., Hole Transporting Self-Assembled Monolayer for Perovskite Solar Cells, DE102018115379.1 (2018)