

Dr. sc. Christopher Seiji Kley

Helmholtz Young Investigator Group Leader



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PROFESSIONAL EXPERIENCE

- Since 2019** **Helmholtz Young Investigator Group Leader**
 Helmholtz Center Berlin for Materials and Energy (Berlin, GER)
 Fritz Haber Institute, Department of Interface Science, Prof. Dr. Beatriz Roldan Cuenya (Berlin, GER)
"Nanoscale Operando CO₂ Photo-Electrocatalysis"
- 2014 – 2018** **Postdoctoral Research Fellow**
 University of California, Berkeley, Department of Chemistry (Berkeley, USA)
 Advisors: Prof. Dr. Peidong Yang, Prof. Dr. Gabor Somorjai
"CO₂ electrocatalysis and scanning probe microscopy of energy conversion materials"

EDUCATION

- 2009 – 2013** **Ph.D. in Chemistry**
 École Polytechnique Fédérale de Lausanne (Lausanne, CH), Max Planck Institute for Solid State Research (Stuttgart, GER)
 Advisor: Prof. Dr. Klaus Kern
"Atomic-scale characterization and control of metal-organic templates and photosensitizers on surfaces"
- 2009** **Diploma in Physics**
 Karlsruhe Institute of Technology (Karlsruhe, GER)
- 2008 – 2009** **Diploma thesis**
 Max Planck Institute for Chemical Energy Conversion (Mülheim an der Ruhr, GER)
 Advisor: Prof. Dr. Alfred Holzwarth, Prof. Dr. Wolfgang Lubitz
"Femtosecond dynamics of energy and electron transfer in Photosystem II"

SELECTED AWARDS AND HONORS

- 2018** Helmholtz Young Investigator Award of the Helmholtz Association
- 2014** Feodor-Lynen Research Fellowship of the Alexander von Humboldt Foundation
- 2004** Friedrich Boysen Award
- 2002** Gerhard Förchler Award
- 2002** German Physical Society Physics Award
- 2000** BUND Clean Technology Award