

Prof. Dr. Peter Strasser

Professor of Chemistry and Chemical Engineering
Department of Chemistry, Chemical Engineering Division
Technical University Berlin
Strasse des 17 Juni 123
10624 Berlin
Germany
Work +49 (0)30314 29542
pstrasser@tu-berlin.de

Research Interests

1. Physical Chemistry of reactive well defined and nanostructured electrified Interfaces
 2. Materials Science and Electrocatalysis of nanostructured materials in the realm of energy storage and energy conversion – Synthesis, spectroscopic and microscopic characterization, and correlation to reactivity
 2. Fundamental aspects between heterogeneous catalysis and electrocatalysis
 3. Electrochemical aspects of electrochemical energy storage, energy conversion, and solar fuel production devices
-

Professional experience

- 2007- Technical University Berlin, Germany, Department of Chemistry, Chemical Engineering Division (Institut für Chemie, Fachbereich Technische Chemie)
Chaired Professor of Chemistry and Chemical Engineering
Head of The Electrochemical Catalysis, Energy, and Materials Science Laboratory
- 2004-2007 University of Houston, Houston, TX, Department of Chemical Engineering:
Assistant Professor of Chemical Engineering
- 2001 - 2004 Symyx Technologies, Santa Clara, CA:
**Senior Staff Scientist/Group Leader –
Electronic Materials Group / Heterogeneous Catalysis Group**
- 2000 - 2001 Symyx Technologies, Santa Clara, CA:
Postdoctoral Research – Combinatorial and High Throughput Catalysis
- 1996 - 1997 Sony Corporation, Yokohama, Japan:
Visiting scientist, Frontier Materials Science Laboratory

Education

- 1995 - 1999 Fritz-Haber-Institut of Max-Planck-Society, Berlin, Germany:
PhD - degree (summa cum laude)
with **Prof. Gerhard Ertl** (Nobel Laureate in Chemistry 2007)
- Physical Chemistry, Catalysis and Electrocatalysis
<https://refubium.fu-berlin.de/handle/fub188/3095>
- 1988 - 1995 Tuebingen University, Germany:
“**Diplom**” in **Physical Chemistry** (Prof. O. E. Roessler)
- 1992 - 1993 Pisa University, Italy:
Research Fellowship (Prof. F. Calderazzo, Department of chemistry)
- 1991 - 1992 Stanford University, USA:
Research Fellowship (Prof. J. Ross, Department of Chemistry)
-

Awards and Honors

- 2018 International Association of Hydrogen Energy
Sir William Grove Award 2018 for achievement and leadership in Electrochemistry
- 2018 Springer-Nature Publishing group
Annual Authorship Award
- 2016 Gerhard Ertl Center for Electrochemistry and Catalysis
Ertl Prize for research work in electrochemistry and catalysis
- 2016 German Catalysis Society
Otto-Roelen Medal for outstanding scientific work in catalysis
- 2008 University of Houston, Cullen College of Engineering
Research Excellence Award at the Assistant Professor level
- 2000 Max-Planck Society, Germany
Otto-Hahn Medal for outstanding PhD dissertation in Physical Chemistry
- 1989-1995 “German National Fellowship Foundation” (Studienstiftung des Deutschen Volkes)