

Prof. Dr. Christian Hess



Address Prof. Dr. Christian Hess
Eduard-Zintl-Institut
Institut für Physikalische Chemie
Technische Universität Darmstadt
Alarich-Weiss-Str. 8
D-64287 Darmstadt
Germany

Phone +49 6151 16 - 21975 (Prof. Hess)
+49 6151 16 - 21976 (Secretary)

Fax +49 6151 16 - 21979

Room L2|04 F 211

E-Mail hess@pc.chemie.tu-darmstadt.de

Brief Curriculum Vitae

Date of birth February 25, 1972

Place of birth Heidelberg

Academic Education - Professional Career

Since 03/2008 Professor at Technische Universität Darmstadt

07/2008 Habilitation at Humboldt-Universität zu Berlin

05/2008 Offer of Professorship at German University (declined)

01/2008 Offer of Professorship at TU Darmstadt

2004 - 2008 Emmy Noether Group Leader at the Fritz-Haber-Institut in Berlin

2002 - 2003 Otto Hahn Postdoctoral Fellow at UC Berkeley and LBNL (USA)
Host: Prof. Dr. Peidong Yang

2001 - 2002 Feodor Lynen Postdoctoral Fellow at Texas A&M University (USA)
Hosts: Prof. Dr. Wayne Goodman, Prof. Dr. Jack Lunsford

1998 - 2001 Ph.D. Thesis at the Fritz-Haber-Institut in Berlin
Supervisors: Prof. Dr. Gerhard Ertl, Prof. Dr. Martin Wolf

1994 - 1995 Undergraduate Research at University of Cambridge (UK)
Host: Prof. Sir David King

1992 - 1998 Chemistry Studies: Würzburg, Cambridge (UK), Göttingen

Professional Activities - Awards

2016	Athene Award for Excellence in Teaching, TU Darmstadt
2015	Guest Professor (Haldor Topsøe), Feodor Lynen Fellowship (AvH)
2014/2015	Chairman of the Local Chapter of the German Chemical Society
2014	Smartpen E-Learning Award TU Darmstadt
2014 - 2016	Managing Director Eduard-Zintl-Institut, TU Darmstadt
Since 2014	Head of Steinbeis Transfer Center on <i>Nondestructive Surface Analysis using Raman and X-ray photoelectron spectroscopy</i>
Since 2012	Chairman Examination Board, Chemistry Dept., TU Darmstadt
2011	Book Editor <i>Nanostructured Catalysts: Selective Oxidations</i> , RSC, Cambridge (with Prof. Dr. Robert Schlögl)
2010 - 2012	Managing Director Eduard-Zintl-Institut, TU Darmstadt
2009	Organizer XPS Workshop, METU, Ankara, Turkey
Since 2009	Reviewer for Funding Agencies and Scientific Journals
2004 - 2008	Emmy Noether Research Group (DFG)
2002 - 2003	Fellowship of the Max-Planck Society (UC Berkeley, LBNL)
2002	Otto-Hahn Medal of the Max-Planck Society
2001 - 2002	Feodor Lynen Fellowship (AvH)
06/2001	Ph.D. Thesis with Distinction (summa cum laude)

Main Research Fields

- Heterogeneous Catalysis, Metal-Oxide Gas Sensors, Li-Ion Batteries
- Development and Application of *In Situ* and *Operando* Spectroscopy
- Surface Functionalization, Atomic-Layer Deposition, Porous Materials

Publications

100+ Publications in Peer-Reviewed Journals and Books - 1 Book - 1 Patent