

# Curriculum Vitae Dr. Martin Oschatz

Name: Martin Oschatz

Academic degree: Dr. rer. nat. (Chemistry)

Date of birth: May, 28<sup>th</sup>, 1987

Nationality: German

Address: **Max Planck Institute of Colloids and Interfaces**  
Am Mühlenberg 1  
14476 Potsdam, Germany  
Phone: +49 (331) 567-9508  
E-Mail: [martin.oschatz@mpikg.mpg.de](mailto:martin.oschatz@mpikg.mpg.de)



## CURRENT OCCUPATION

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Since November  
2016



**Max Planck Institute of Colloids and Interfaces**

*Department of Colloid Chemistry (Prof. Dr. Dr. h. c. Markus Antonietti)*

Liebig Fellowship of the Chemical Industry Fund (FCI):  
“Intelligent Filtration of Toxic Gases on Electrically Charged  
Nanoporous Carbon Electrodes”

Group Leader: “Energy and Environmental Utilization of Carbon  
Nanomaterials”

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## POSTDOCTORAL STUDIES

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May 2015-  
October 2016



Universiteit Utrecht

**University of Utrecht**

**Debye Institute for Nanomaterials Science**

*Group of Inorganic Chemistry and Catalysis (Prof. Dr. Krijn P. de Jong)*

German Academic Exchange Service (DAAD) Postdoc-Scholarship:  
“Tailoring and Modification of Nanostructured Catalyst Supports  
for Sustainable Production of Lower Olefins from Synthesis Gas”

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## GRADUATION

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October 2011 -  
April 2015



**Technical University Dresden**

**Department of Chemistry and Food Chemistry**

*Institute for Inorganic Chemistry (Prof. Dr. Stefan Kaskel)*

PhD Thesis: “New Routes Towards Nanoporous Carbon Materials  
for Electrochemical Energy Storage and Gas Adsorption ”

Final grade: *summa cum laude* (with distinction)

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## MASTER OF SCIENCE STUDIES

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March 2011 - October 2011	<b>Technical University Dresden</b> <b>Department of Chemistry and Food Chemistry</b> <i>Institute for Inorganic Chemistry (Prof. Dr. Stefan Kaskel)</i> Master Thesis: "Gold Functionalized Porous Carbon Materials as Catalysts for Elected Oxidation Reactions" Final grade: 1.0 (excellent)
October 2009 - October 2011	<b>Technical University Dresden</b> <b>Department of Chemistry and Food Chemistry</b> Master of Science Studies Final grade: 1.4 (excellent)

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## SCHOLARSHIPS AND AWARDS

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2016	<b>Liebig Fellowship</b> of the Chemical Industry Fund (Fonds der Chemischen Industrie, FCI)
2016	<b>H.C. Starck PhD Award</b> of the Section Solid State Chemistry and Materials Science of the German Chemical Society
2016	<b>Carbon Journal Price</b> for "an outstanding Ph.D. thesis in carbon material science and technology"
2015 -2016	<b>DAAD Postdoc Scholarship</b> (Utrecht University, with Prof. Krijn P. de Jong)
May 2014	<b>DAAD Conference Travel Fellowship for PhD Students</b> (10 <sup>th</sup> International Symposium on the Characterization of Porous Solids, COPS-X, Granada, Spain)
July 2013 - August 2013	<b>DAAD Short-Term Fellowship for PhD Students</b> (Georgia Institute of Technology, with Prof. Dr. Gleb Yushin)

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## TEACHING EXPERIENCE

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October 2010 - October 2015	<b>Supervision of Single Students and Classes</b> <ul style="list-style-type: none"><li>- 2 Master Theses, 1 Bachelor Thesis</li><li>- 3 Student Workers</li><li>- 1<sup>st</sup>, 6<sup>th</sup> and 8<sup>th</sup> semester practical courses and seminars in inorganic chemistry</li><li>- 1<sup>st</sup> semester practical courses and seminars in chemical engineering</li><li>- Lectures for upcoming 1<sup>st</sup> semester students in chemistry</li></ul>
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## LANGUAGES AND MEMBERSHIPS

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Languages	<b>German:</b> mother language <b>English:</b> fluent <b>French:</b> medium <b>Dutch:</b> basic skills
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Memberships	Member of the German Chemical Society (Gesellschaft Deutscher Chemiker; <b>GDCh</b> ) Member of the Society for Chemical Engineering and Biotechnology (Gesellschaft für Chemische Technik und Biotechnologie; <b>DECHEMA</b> ) Member of the German Catalysis Society (Deutsche Gesellschaft für Katalyse; <b>GeCatS</b> )
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## PEER REVIEW FOR SCIENTIFIC JOURNALS

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Since December 2014	Review Editor of the Open Access Journal <i>Frontiers in Energy Research</i>
Since 2014	Invited Peer Reviewer of <i>ACS Nano</i> , <i>Carbon</i> , <i>Microporous and Mesoporous Materials</i> , <i>Materials and Design</i> , <i>Journal of Renewable Materials</i> , <i>ACS Sustainable Chemistry &amp; Engineering</i> , <i>Industrial &amp; Engineering Chemistry Research</i> , <i>Journal of Energy Chemistry</i> , <i>Applied Surface Science</i>

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## PUBLICATIONS

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Since 2010	<ul style="list-style-type: none"><li>- ~ 60 peer-reviewed publications (18 as first author, 5 as corresponding author) in international journals</li><li>- 1 Patent</li><li>- 2 Book Chapters as Main Author</li><li>- 16 Oral Presentations on National and International Conferences (4 on Invitation)</li><li>- Multiple Poster Presentations on National and International Conferences</li></ul>
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