

CONTENTS
1. AWARDS

[Dresden Chemists to win renowned "Starck Promotionspreis" 2016](#)

[Congratulations! 3 out of 4 Georg-Helm-Prizes to go to the School of Science](#)

2. RESEARCH

[Kick-off for German – Korean Graduate School iEGSEMP](#)

[A new face at the Chair of Addiction Research](#)

3. STUDIES

[TANDEM-PROGRAMM for MINT-students started](#)

4. CALL FOR PROPOSALS

[DFG Communicator-Prize 2017](#)

AWARDS
Dresden Chemists to win renowned "Starck Promotionspreis" 2016

Dr. Martin Oschatz and Dr. Martin Heise have won the renowned "Starck Promotionspreis" of the Solid State Chemistry and Materials Research Division of the German Chemical Society (GDCh) for their dissertations written at TU Dresden. The award ceremony took place within the annual meeting of the division in Innsbruck, from September 19th – 21st. The prize is awarded by the company H. C Starck, Goslar, for the best dissertations in the field of solid-state chemistry and material science every two years. This year's prize was shared amongst two dissertations of equally outstanding quality and is endowed with 5.000€ each. Martin Oschatz was a PhD student in the research group of Prof. Kaskel from October 2011 until April 2015 where he developed nano-structured carbon materials for gas filtration and electrochemical energy storage. Martin Heise conducted his dissertation in the research group of Prof. Ruck from October 2011 until June 2015. He developed a new and resource-efficient synthesis method which can be used to create superconductors, nanoscale magnetic materials and ion conductors at low temperatures.



From left to right: Martin Oschatz, Martin Heise, Prof. Ruck, Dr. Schnitter (Fa. Starck). Credits: M. Glätzle

Congratulations! 3 out of 4 Georg-Helm-Prizes to go to the School of Science

This year the School of Science can be especially proud regarding the awarding of the Georg-Helm prize. Three out of four awardees are from our school. Dr. Simon Praetorius, Department of Mathematics, was awarded the first prize for his dissertation "Efficient Solvers for the Phase-Field Crystal Equation – Development and Analysis of a Block-Preconditioner."

This year's third prize was divided and awarded to Dr. Ulrike Schnoor, Department of Physics, for her dissertation "Vector Boson Scattering and Electroweak Production of Two Jets at the Current and Future ATLAS Detector" as well as to Dr. Sara Jahnke, Department of Psychology, for her dissertation "Understanding and challenging stigmatization of people with paedophilia". Each of the three prizes is endowed with 2.500€ and will be awarded in a ceremony of the society "Verein zur Förderung von Studierenden der TU Dresden e.V." on January 21st 2017.

RESEARCH
Kick-off for German – Korean Graduate School iEGSEMP

On Wednesday, November 2nd, the kick-off event for the establishment of a new joint Graduate School between TU Dresden and three leading Korean universities (POSTECH (Pohang University of Science and Technology), UNIST (Ulsan National Institute of Science and Technology) and the Yonsei University) took place. The "International Excellence Graduate School on Emerging Materials and Processes" ("iEGSEMP") will enable the collaboration of seven German and seven Korean young scientists on current questions in material science and



iEGSEMP: Prof. Cuniberti speaking at the kick-off event. Credits: Robert Lohse



The in iEGSEMP involved professors of TU Dresden, the seven graduate school members at TU Dresden and the honorary consul of the Republic of Korea, Dr. Christoph Hollenders. Credits: Robert Lohse

CALL FOR PROPOSALS

DFG Communicator-Prize 2017

For the eighteenth time, the German Research Foundation (DFG) has announced the "Communicator-Preis – Wissenschaftspreis des Stifterverbandes für die Deutsche Wissenschaft." This prize set at 50.000 € is awarded to scientists in all fields who have successfully communicated the results of their scientific work through the media to the non-scientific public in an outstanding way.

This award aims at strengthening the dialogue between scientists and the general public. The idea is to promote the importance of conveying scientific information as a normal part of a scientist's job.

The prize can be awarded to individual scientists as well as a group of scientists.

Applications and suggestions should be sent ideally in digital form by December 31st 2016 to: DFG, Presse- und Öffentlichkeitsarbeit, Kennedyallee 40, 53175 Bonn

www.dfg.de/communicator-preis



Tandem-programme. Image and credits: Sirko Bartholomay (left) and his mentor Mathias Hillmann, project manager at cp.max Rotortechnik GmbH & Co.KG.

development. This will be financially supported by the Institutional Strategy of TU Dresden.

iEGSEMP will form an interdisciplinary interface of activities at three of TU Dresden chairs namely: Chair of Physical Chemistry (Prof. Alexander Eychmüller), Chair for Molecular Functional Materials (Prof. Xinliang Feng) and Chair of Materials Science and Nanotechnology (Prof. Gianuario Cuniberti) as well as the Fraunhofer Institute for Ceramic Technologies and Systems - IKTS (Dr. Jörg Opitz).

The key aim of the Graduate School is to deepen the long-standing and successful cooperation between TU Dresden and the partner universities in Korea through daily professional exchange of young scientists.

A new face at the Chair of Addiction Research

The Chair of Addiction Research was founded in 2005 within the Institute of Clinical Psychology and Psychotherapy as a sustainable contribution in the field of addiction research. It is the only professorship of this kind in the field of psychology in Germany. Prof. Dr. Tanja Endrass took over the management of the Chair in September 2016. Her research will initially focus on compulsive behavior, which is typical for addiction, other psychological disorders and especially for so-called obsessive-compulsive disorders. Prof. Dr. Tanja Endrass is a psychological psychotherapist and she will also take charge of the outpatient clinic for addiction. The former chairperson, Prof. Dr. Gerhard Bühringer, will now lead the [Work group Addictive Behaviors, Risk Analysis and Risk Management](#) within the scope of his senior professorship.



Image and credits: Prof. Tanja Endrass

<https://tu-dresden.de/mn/psychologie/sufo>

STUDIES

TANDEM-PROGRAMME for MINT-students started

As part of the overall strategy termed 'academic success' the new [orientation platform research & practice](#) (OFP) offers MINT students of the first four semesters a highly individual practical insight through the TANDEM-programme, in which each student selects a mentor. The mentor has already mastered the 'not always easy' path of university studies and is open to share his or her experience with the student. The mentor provides the student with advice and assistance, giving and offering tips on what is crucial during studies and with regards to future job orientation.

The individual mentoring and exchange of experience helps minimize anxiety experienced by students and helps them gain orientation and improve personal skills. But not only students benefit from this encounter. Many mentors report encounters which have allowed them interesting and personal insight into student life.

Interested students can apply four times a year. Upcoming dates are 15.11.16 or 14.02.17. Places are limited!

Please send your application with a CV and short letter of motivation to: Christina Schulz, E-Mail: tud-tandem@mailbox.tu-dresden.de, Tel: (0351) 463-32910

Please find further information about the TANDEM-PROGRAMM and the OFP here: <https://tu-dresden.de/orientierungsplattform>

Publisher: Prof. Clemens Kirschbaum, Dean of the Faculty of Mathematics and Natural Sciences, Chairman School of Science. Office hours: Wednesday, 9.30 a.m. - 10.30 a.m. Registration: Tel. +49 351 463-3 75 12.
Editor: Nicole Gierig, Public Relations Advisor, School of Science
Contact: Nicole.Gierig@tu-dresden.de, Tel. 0351 463 33 013