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[Conference/Workshop material to lend](#)

The School of Science is offering all members the lending of conference or workshop material:

- Presentation kit
- 2 whiteboards
- 2 roll-up banner School of Science (including carrier bag)

If you are interested, please send an e-mail to Nicole.Gierig@tu-dresden.de

AWARDS

[Leibniz Prize for Prof. Dr. Frank Jülicher from the Max Planck Institute for the Physics of Complex Systems](#)

On 15 March 2017, the DFG will award Germany's most important research award – the Leibniz prize - to ten outstanding scientists. One of them is Prof. Dr. Frank Jülicher, Director of the Biological Physics Division at the Max Planck Institute for the Physics of Complex Systems, professor for Theoretical Biophysics at the Department of Physics and member of the cfaed. Prof. Jülicher is among the leading scientists in Biophysics worldwide. His research of active material, such as molecular motors, opened up a new field of research and raised plenty of fundamental questions in non-equilibrium physics. The Leibniz prize endows each winner with 2.5 Mio Euro, which can be used for further research activities for up to seven years.

COOPERATIONS

[New cooperation of Netzwerk Teilchenwelt and Dr. Hans Riegel-foundation: "Science meets School"](#)

Netzwerk Teilchenwelt of TU Dresden and the foundation "Dr. Hans Riegel-Stiftung" have jointly organized the teacher training seminar "Forschung trifft Schule" (Science meets School). Scientists and teaching experts of "Netzwerk Teilchenwelt" will afford teachers a better understanding of particle physics in three different formats. The first format option is a 2-day event, aimed at teachers with little prior knowledge of teaching particle physics in class, or wanting to refresh their knowledge. In format number two, participants will receive a 3-day seminar during which didactical concepts can be shared and discussed. Attendance of the CERN summer school presents the third possibility and provides the perfect opportunity for teachers with a great thirst for knowledge. They will be able to spend 6 days at the European Centre for Particle Physics that will include an in-depth professional training as well as a tour of different experiments and research infrastructure. The basis for all these workshops involves the provision of teaching material developed by Netzwerk Teilchenwelt. Thanks to the funding through the Dr. Hans Riegel-foundation, participation for all teachers is free.

www.teilchenwelt.de/angebote/lehrerfortbildungen-forschung-trifft-schule/

RESEARCH

[AvH PostDoc Fellow to research microelectronics at Department of Mathematics](#)

The Italian material scientist Dr. Marco Salvalaglio started one of the renowned Alexander von Humboldt PostDoc fellowships at the Institute of Scientific Computing (IWR) hosted by Prof. Dr. Axel Voigt in December 2016. In his 24-months project „Phase-field modeling and simulations of the evolution of crystalline heterostructures for cutting-edge microelectronics applications,“ he targets at researching new applications in microelectronics by using mathematics. Dr. Salvalaglio deals with the theoretical modelling and simulation of material properties at the nano- and microscale. He therefore aims at using the so-called phase-field modeling, a strong expertise of the IWR.

INTERNATIONAL AFFAIRS

Last call for international proposals

The funding programme for the implementation of TU Dresden's Internationalisation Strategy: "TU Dresden – connected to the world" is going into the last round. Until **February 28th 2017** you can apply for financial support for internationalisation measures which can be associated with the four fields of action and goals of the Internationalisation Strategy. The funding programme is aimed at employees in the central and decentral organisational units of TU Dresden and is financed through the Institutional Strategy.

<http://tu-dresden.de/internationalisierung/foerderprogramm>

EVENTS

Iranian Night at TU Dresden

On 26 January, the Dülfersaal at Alte Mensa changed into the setting of 1001 nights. The International Office School of Science and the Studentenwerk jointly organised the first Iranian Night at TU Dresden. More than 300 guests came to this unique event and enjoyed a colourful evening with a breath-taking opening show, Iranian music, traditional artwork and delicious specialties for tasting. Most guests immediately felt deeply impressed by the many facets of this more than 8000-years-old culture.

More information and pictures (following soon) at <https://tu-dresden.de/mn/internationales/termine/iranische-nacht>

The phase-field approach allows for the easy managing of complex geometries evolving in time and for the simultaneous modeling of different physical effects. In this way, Dr. Salvalaglio hopes to tackle the study of the growth and processing of advanced materials. The subsequent aim is to exploit this theoretical framework in order to investigate specific, technology-relevant heterostructures, tailoring prototypical systems for microelectronics applications. The comparisons of the theoretical results to experimental systems will be carried out in collaboration with the Material Research Department of the Leibniz Institute IHP in Frankfurt (Oder) led by Prof. Thomas Schroeder.

TEACHING METHOD OF THE MONTH

Invitation to LiT. expert working group "Tablets/Smartphones in teaching"?

The cooperative project "Teaching Practice in Transfer^{plus}" supports the networking of lecturers and the exchange in shaping teaching and learning today. To this end, so called LiT expert working groups have been established and are accompanied organisationally and professionally. LiT^{plus} promotes cooperation through funding of speaker fees as well as of travel expenses for participants. Furthermore, the LiT^{plus} team supports teachers in presenting their findings to a broad academic public and establishing them within Saxon universities. The TU Chemnitz LiT^{plus} team would like to invite to the LiT expert working group: "Tablets/Smartphones in der Lehre": How can tablets/smartphones be integrated in university teaching? How is academic teaching influenced by it? Which opportunities and challenges will result from this? The LiT^{plus} team would like to investigate these questions together with the lecturers, whilst developing new concepts and exchanging experiences. Please find the detailed invitation and related links [here](#).

FUNDING OPPORTUNITIES AND GRANT CALLS

The [Graduate Academy](#) offers a wide range of funding options such as scholarships and grants. The overall application deadline is **31 March 2017**. You can find detailed information on all calls, application forms and news on the [homepage of the GA](#). Moreover, there will be two information events about the GA funding programs:

- **7 February 2017**, 9.30 – 11.45am (in German). Rectorate, Festsaal, Mommsenstraße 11, 01069 Dresden
- **9 February 2017**, 9.30 – 11.45am (in English), Graduate Academy, room 3, Mommsenstraße 7, 01069 Dresden

The [TUD Project Scouts](#) are offering formal and strategic advice and support for these and other projects:

EMBO Long-Term Fellowships können seit Kurzem ohne Frist, das ganze Jahr über beantragt werden.

Link: <http://www.embo.org/funding-awards/fellowships/long-term-fellowships>

BMBF: Förderung transnationaler Verbundvorhaben auf dem Gebiet der Biotechnologie im Rahmen des ERA-Net Cofund ERA CoBioTech

Deadline: 02. März 2017

Link: <https://bmbf.bmbfcluster.de/foerderungen/bekanntmachung-1284.html>

BMBF: Förderung transnationaler Forschungsprojekte auf dem Gebiet

„Small-scale Biorefineries“ im Rahmen des ERA-NET Cofund FACCE SURPLUS

Deadline: 07. März 2017

Link: <https://www.bmbf.de/foerderungen/bekanntmachung-1293.html>

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