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Dear Readers,

It is half time in the **Future Lab** series: three successful events are in the bag, with three more still to come.

The series continues on Thursday, 26 April 2018, 9.30 am to 1.30 pm. The topic: **collaborations and networks**. How can co-operation within TUD and with non-university partners succeed? What are the next steps for DRESDEN-concept? What can collaborations in teaching achieve? [Register for the event and join in the discussion \(ZIH-login required\)](#)! The fourth Future Lab will take place as always in the Festsaal (*Ballroom*) Dülferstraße.



Third Future Lab on 22 March 2018, on the subject of digitalisation. (Photo: Klaus Gigga)

If you are not quite sure yet how a Future Lab works, you can get an impression via video: short montages from the first two Future Labs [are available online \(access with ZIH-login\)](#).

All Open Topic Postdoc Positions Filled

Dr. Elisha Krieg and Dr. Hoang Khoa Ly have started their work at TU Dresden as the last two of a total of **17 junior scientists** selected for an [Open Topic Postdoc Position](#). Both scientists are based at the Faculty of Chemistry/Food Chemistry and will work – just like their 15 postdoc colleagues – on advancing their own individual research project in the coming months.

Lecture Series "50 Jahre 1968"

2018 marks the 50th anniversary of the **anti-authoritarian revolt**, associated in Germany's collective memory with the year 1968. The anniversary is expected to be accompanied by an intense debate concerning this still "hot" topic.

The Institute of German Studies intends to make a contribution to this debate and has organised – for the period between 3 May and 9 July 2018 – a nine-part **lecture series** entitled "50 Jahre 1968". The lecture series was devised by **OTT-Professor** Lars Koch, together with Dr. Michael Dobstadt.

Renowned experts from various disciplines will have their say on the topic. On 21 June 2018, **Open Topic Postdoc** Dr. Julia Prager, together with Prof. Koch, will also present a talk entitled "1968 als Blaupause: Straße, Störung und Protest".

The events will take place on **Thursdays, from 6.30 pm to 8 pm in the Auditorium Centre (Hörsaalzentrum), Room 401**. Please note that the lecture series will be held in German. Complementing the series, the "Kino im Kasten" will be showing three film classics dealing with the subject.

The lecture series can be attended by Aqua participants and also by interested guest auditors. Registration is open until the end of April 2018, **via Opal for students** and **via e-mail for external participants**.

"MEHRWERT" Project Launch

The kick-off event for the **pilot project "MEHRWERT durch mehr Perspektiven"** (*ADDED VALUE through added perspective*) will take place in the Festsaal (*Ballroom*) Dülferstraße **from 3 pm to 6 pm on 27 April 2018**. The opening lecture will be given by Prof. Britta Schinzel. The title of her talk is "Vom Lochstreifen zur Cloud – Eine erzählte Erfahrung über neue Perspektiven in der Informatik". It will be followed by the introduction of

the three visiting project professors, Dr. Martina Erlemann, Dr. Waltraud Ernst and Dr. Geeske Scholz. Finally, a panel discussion will shed light on the topic "Perspektiven im Dialog: Gender, Diversity und die Hochschule der Zukunft". The event will be held in German.

Please register for the event by 6 April.

New TUD Young Investigator Appointed

On 20 March 2018, the University Executive Board appointed **outstanding junior research group leader** Dr. Ion Cosma Fulga a **TUD Young Investigator**. He is the 27th young scientist to be awarded this status.



Dr. Ion Cosma Fulga (Photo: Angela Böhm)

Born in 1986 in Romania, the physicist has been an independent junior research group leader at the **Leibniz Institute for Solid State and Materials Research Dresden (IFW)** since February 2017. Prior to that, he spent three years researching as a postdoc at the Weizmann Institute of Science in Israel.

Dr. Berta Gómez-Lor: DRESDEN Fellow at IAPP

Dr. Berta Gómez-Lor has been a **DRESDEN Senior Fellow** since 1 March 2018. She will be working with Prof. Karl Leo at the Dresden Integrated Center for Applied Physics and Photonic Materials (IAPP).

The main focus of her work is on the **synthesis of organic molecules** and their assembly into functional nanostructures that can be used, for example, in transistors or solar cells.



Dr. Berta Gómez-Lor (Photo: private source)

PhD Day at the Graduate Academy

On **25 April 2018**, the **Graduate Academy (GA)** will once again be inviting prospective doctoral candidates from all faculties, together with doctoral candidates who are at the very beginning of their doctorate, to **PhD Day** at Mommsenstraße 7.

All important aspects of the doctorate phase will be discussed in short workshops. One-to-one consultations to answer individual questions and the “Doc Café” held by the GA Doctoral Council will round off the day.

TUD-MPI “Internal Partnership” Facilitates Research Synergies

In mid-March 2018, a “BGB-Innengesellschaft” between TUD and the Max Planck Institute for Molecular Cell Biology and Genetics (MPI-CBG) was officially set up for the joint establishment and operation of the **DRESDEN-concept Genome Center (DCGC)**. The “Innengesellschaft” (*internal partnership under civil law*) represents a **new form of collaboration** for the German research world, facilitating the synergetic use of complex and cost-intensive research infrastructures.

The DCGC, established in 2013, is an amalgamation of TU Dresden and MPI-CBG employees. It pools Dresden’s expertise in the field of gene sequencing and thus guarantees that genome analysis procedures and methods will be made available to as many scientists as possible within the **DRESDEN-concept** research alliance. The DCGC is located at the DFG Research Centre and Cluster of Excellence, **Center for Regenerative Therapies Dresden (CRTD)**.

Dresden Science Goes to Prague

The **DRESDEN-concept Science Exhibition** is heading for its last international stop in **Prague**. Interactive, in Czech and in English, and with elements appealing to very young children – this is how the science exhibition presents Dresden’s research landscape.

From **10 April to 4 May**, at the *Ovocný trh (Fruit Market)*, the exhibition will provide information to Prague citizens and tourists who are interested in science. In addition to the opening, which will take place at the *Ovocný trh* on 10 April at 2 pm, scientists will be able to exchange ideas and to network at the jointly held lectures that follow.

Register Now for Dresden Microelectronics Academy

The **Dresden Microelectronics Academy**, now known as the “**cfaed Summer School**”, will take place for an impressive 17th time from 17 to 21 September 2018.

The objective of the Summer School is to introduce the participants to the activities of the local microelectronics industry and the **Center for Advancing Electronics Dresden (cfaed)** Cluster of Excellence, and thus, if possible, to recruit potential doctoral candidates or postdocs. Industry giants such as GLOBALFOUNDRIES, X-FAB and Infineon will be on site to provide insights into their production facilities and processes.

Registration is possible as of now, with the **early-bird phase** lasting until **27 April**. Anybody who might be interested in sponsoring packages can also **contact cfaed** at any time.

First cfaed “Advancing Electronics” Symposium was a Success

The Cluster of Excellence **Center for Advancing Electronics Dresden (cfaed)** has conducted an exciting experiment: for the first time, invitations were extended to a **public scientific symposium** that attempted to cover **the entire spectrum of research fields** at cfaed.

The experiment was a success: about 200 participants – across all of cfaed’s scientific disciplines – exchanged information about what they had achieved and what lay ahead. The cfaed symposium took place on 19 March 2018, and was linked to the **DATE-Conference** in order to make optimal use of the overlap among participants.

Groundwork Laid for Potential Therapeutic Agents for ALS

A group of researchers led by Jared Sternecker (CRTD), Tony Hyman (MPI-CBG), Simon Alberti (MPI-CBG) and Andreas Hermann (University Hospital Carl Gustav Carus) have – by means of screening – identified a class of compounds that could be proposed as **potential therapeutic agents for amyotrophic lateral sclerosis (ALS)**.



Sternecker Group (Photo: CRTD)

In collaboration with the group of Prof. Uday Pandey (University of Pittsburgh), the promising *in vitro* results were confirmed in a fruit-fly model. The team is currently planning to advance the validation in mammals.

Second Dresden Dementia Action Day

On 16 May 2018, from 3 pm to 8 pm, the **Center for Regenerative Therapies Dresden (CRTD)**, together with the **German Center for Neurodegenerative Diseases (DZNE)**, the **University Hospital Carl Gustav Carus**, and the **Dresden Adult Education Centre** is organising the **2nd Dresden Dementia Action Day**. The action day groups together a **broad spectrum of topics** relating to dementia. All those interested are invited. Admission is free.

UniStem Day 2018 at the CRTD

The Europe-wide **UniStem Day** was held for the 10th time on 16 March 2018. 74 universities and research institutes from ten countries, **including the Center for Regenerative Therapies Dresden (CRTD)**, took part in this year’s **action day on stem cell research for school pupils**.

The CRTD laid on a varied programme with lectures and several options relating to topics such as electron microscopy and bioethics.

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