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Dear Readers,

Four successful **Future Labs** are now behind us. During these events, key questions were discussed, envisioning TUD's bicentenary in 2028 and the proposal in the University of Excellence funding line of the German Federal and State Governments.



"Im Alleingang oder vernetzt?" (*All Alone or All Together?*) This was the question posed by the fourth Future Lab on 26 April 2018.

(Photo: Crispin-Iven Mokry)

The last two **Future Labs** ([access with ZIH login](#)) in this series are due to take place in May:

The fifth Future Lab on **17 May** will broach the issue of our "**university culture**". How does the self-perception of TUD manifest itself in everyday working life, in co-operation, management culture and communication? What connects you personally with TUD and how can we all contribute to making TUD's guiding principle "Knowledge creates bridges" a reality, both today and in the future?

The final Future Lab of the series will be held two weeks later on 31 May. On that occasion, the focus will be on **career paths, promoting junior researchers and human resources development**.

The last two Future Labs will, as usual, take place in the Festsaal (*ballroom*) Dülferstraße. [Register and share your ideas!](#)

Impressions from the first three Future Labs are available online in short videos.

Moreover, the **documentation** on [Future Lab 1](#) can also be read online (in German only).

Reading by Dietmar Dath

OTT Professor Lars Koch's ERC Project "The Principle of Disruption" is inviting you to an evening event with Dietmar Dath at the Deutsches Hygiene-Museum Dresden.

At 7 pm on 13 June 2018, Dietmar Dath will read from his novels and essays at an event entitled "Beweise für's Leben. Science Fiction, Gegenwart und Politik" (*Evidence of Life. Science Fiction, Present and Politics*). Afterwards, together with other guests, he will discuss "das Potenzial und die Notwendigkeit von Science Fiction in Zeiten neoliberaler Alternativlosigkeitsrhetorik" (*the potential of and the need for science fiction in times of neoliberal lack-of-alternatives rhetoric*). The panel discussion will be chaired by Open Topic Postdoc Dr. Solvejg Nitzke.

TUD members can register with Solvejg Nitzke directly via e-mail up till 2 June. From 3 June onwards, tickets can be purchased at the Hygiene-Museum.

"MEHRWERT" Project Launched

On 27 April 2018, the project "MEHRWERT durch mehr Perspektiven" was inaugurated with a ceremonial kick-off event.

In addition to a keynote speech by Prof. Britta Schinzel ("Gendering MINT digital" project) and a panel discussion, the three visiting professors involved in the project gave short presentations to introduce themselves to the public. Dr. Waltraud Ernst's work will contribute to research and teaching at the School of Engineering Sciences, while Dr. Martina Erlemann's contribution will be made at the School of Science and Dr. Geeske Scholz's at the School of Civil and Environmental Engineering.

In addition to their teaching, the three visiting professors will also hold joint workshops and present the results of their research stays at a closing event on 25 September 2018.



From left to right: Dr. Waltraud Ernst, Dr. Martina Erlemann, Dr. Geeske Scholz (Photo: Crispin-Iven Mokry)

The project "MEHRWERT durch mehr Perspektiven" (*Added value through added prospects*) aims to integrate aspects of gender and diversity in STEM research, thus developing new initiatives and methodological opportunities at an interdisciplinary level. It is funded by the Excellence Initiative of the German Federal and State Governments.

Two New TUD Young Investigators Appointed

April 2018 saw the appointment of two more TUD Young Investigators:

Dr. Juliane Simmchen is researching active colloids propelled by catalytic reactors at the [Chair of Physical Chemistry](#).

Dr. Marko Brankatschk is the Head of the "Neuroglial Membranes" group at the [Biotechnology Center](#), and is investigating temperature-regulating lipids in fruit flies.

Graduate Academy Writing Retreat

From 9 to 14 September 2018, **20 PhD candidates and postdocs** will once again have the opportunity to take part in the [Graduate Academy's 3rd Writing Retreat](#) at the St. Marienthal monastery. Here, they will be able to

concentrate fully – with no distractions – on their dissertations and scientific texts.

The application deadline is **25 May 2018**. You need to be a member of the Graduate Academy to apply.

GA Summer Party on 28 June

Once again this year, the Graduate Academy will be celebrating its **Summer Party** with music, a barbecue and in high spirits. In addition to the traditional **Doctoral Mortarboard Competition**, the **GA Nerd Night**, a not entirely serious knowledge quiz for fine minds, will take place for the first time. Competition entries and team registrations for this intellectual show of strength are now being accepted.

Wrocław Rectors Visit Dresden

Rectors and Vice-Rectors of the University of Wrocław, the Wrocław University of Economics, the Wrocław University of Environmental and Life Sciences and the Medical University visited the **DRESDEN-concept partners** on 4 and 5 April 2018 for discussions about **extending research collaborations** of the two locations.

This visit of the Rectors made it possible to develop concepts such as closer cooperation in the areas of **supporting doctoral candidates** and further **joint degree programmes**. The possible creation of a **European university with Wrocław and Prague** also met with great approval from both the guests and TUD's University Executive Board.

Technology Portal Box Facilitates Access to Research Infrastructure

Anyone looking for scientific equipment and services in the **DRESDEN-concept** research alliance or wishing to provide information on equipment and services at their own facility can in future take advantage of the **Dresden Technology Portal (DTP)**. It is also possible to

showcase large amounts of data in a user-friendly manner using the new technology portal box on the TUD website.

Content from the DTP can now be automatically displayed in a standardised form on the TUD websites. Entering data twice is no longer necessary.

cfaed Launches Artistic Project "VISIOMAT" Together with tjt

The **Center for Advancing Electronics Dresden (cfaed)** has started a new project in cooperation with **tjt – theater junge generation**. Called "The VISIOMAT – An artistic research archive on the working worlds of the future", the project is funded by the BMBF's "Science Year 2018" programme.

With the help of the VISIOMAT, the project team aims to find out which terms and ideas young people of different ages associate with the topic "The work of the future", how they deal with these terms and ideas and what emotions are evoked by them.

The project will be based on workshops with pupils aged 9 to 18, led by trained teachers and artists. cfaed scientists will contribute the perspectives of the future from the view of science. The research archive will be on display from 15 September to 30 October 2018 in a container on the site of the **Kraftwerk Mitte** and will also move around the city.

Other researchers at TU Dresden are welcome to participate in the workshops. If you are interested, please contact: matthias.hahndorf@tu-dresden.de.

Master's Programme "Computational Modeling and Simulation" Gets Underway

The new **Master's Programme "Computational Modeling and Simulation" (CMS)** provides a research-oriented, interdisciplinary and international education and specialisa-

tion in five application-specific tracks, guaranteeing unique flexibility to students. The programme also offers the opportunity to join a structured doctoral programme and to benefit from the participation of key local partners.

CMS is a joint curriculum of the Faculties of Computer Science and Mathematics and the [Center for Molecular and Cellular Bioengineering \(CMCB\)](#). The Faculties of Psychology, Medicine, Economics and Mechanical Engineering are also involved.

Prof. Michael Sieweke: New CRTD Research Group Leader

Prof. Michael Sieweke is the new research group leader for “[Stem Cell and Macrophage Biology](#)” at the [Center for Regenerative Therapies Dresden \(CRTD\)](#).



Prof. Michael Sieweke (Photo: CRTD)

The Sieweke Group’s research area is at the interface of immunology and stem cell research. The focus is on macrophages – long-lived mature cells of the immune system that play a vital role in tissue regeneration.

For the future, Prof. Sieweke hopes that the understanding and manipulation of macrophages will contribute to counteracting age-related tissue degeneration by reactivating juvenile regeneration mechanisms.

CRTD Postdoc Wins “FameLab” Regional Heat

Dr. Sara Bragado Alonso, postdoc at Prof. Federico Calegari’s lab, has won the regional “FameLab Germany” heat in Dresden. Both the jury and the audience awarded her first place.



Dr. Sara Bragado Alonso (Photo: CRTD)

The FameLab is one of the world’s largest competitions in the field of science communication. Participants are asked to [explain a scientific concept to a broad audience in only three minutes](#). The FameLab Germany final will take place in Bielefeld on 14 May 2018.

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