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Dear Readers,

On 19 July 2019, TU Dresden was able to celebrate the defence of its University of Excellence status. Before the new funding starts on 1 November 2019, a lot is still happening within the framework of the [Institutional Strategy](#) and the Clusters from the Excellence Initiative. Exciting times!

Interdisciplinary Bee Symposium



The two Open Topic Postdocs Dr. Anja Buttstedt (B CUBE) and Dr. Solvejg Nitzke (Institute of German Studies) are organising an interdisciplinary symposium entitled "On Bees and Humans – A Love Affair between Nature and Culture" at the Center for Molecular Bioengineering (B CUBE) on 10 October 2019, 9.30 am to 5 pm.

Bee research has always crossed disciplinary boundaries and so the aim of the symposium is to offer a forum for different perspectives in order to make bee research socially relevant and accessible.

Participation in the symposium is free of charge, please register by **30 September 2019**:

beesympodium@mailbox.tu-dresden.de

The event will be held in English.

The symposium will be followed by an **evening event at the Hygiene Museum** (in German) from **7 pm to 9 pm** under the title "**The Dark Side of the Hive**". Tickets can be purchased at the [Hygiene Museum](#).

The bee symposium is funded by TU Dresden's Institutional Strategy within the framework of the Excellence Initiative of the Federal and State Governments.

Approval of a DFG Network for Dr. Julia Prager



Open Topic Postdoc Dr. Julia Prager was successful with a proposal in the DFG programme "Scientific Networks". The network is dedicated to the topic of "**Gathering: Media, spatial and political constellations**".

Over a period of 2.5 years, the research network will use analyses of concrete actions of gatherings to investigate **mechanisms of action and collective forms of communication of assembly phenomena**.

A total of 23 international scholars from the fields of cultural studies, media studies, theatre studies, comparative literature, philosophy, history and sociology are involved in the network both as members and guests. The network is associated with the Chair of Media Studies and Modern German Literature of Open Topic Professor Lars Koch.

Additional SprInt Workshops until October 2019

Due to high demand, **additional intercultural workshops** on the cultural areas of **Great Britain, Italy, Oceania and New Zealand** will take place as part of the SprInt programme.

Registration is possible via the SprInt website.

Dr. Marta Markiewicz Appointed TUD Young Investigator



At the end of July 2019, Dr. Marta Markiewicz was appointed 39th TUD Young Investigator.

Dr. Markiewicz develops ecotoxicological test methods for up to 70 environmentally relevant chemicals at the Institute of Water Chemistry in order to better predict potential risks for the environment. Her junior research group is funded by the Kurt-Eberhard-Bode-Foundation.

The status "TUD Young Investigator" facilitates a stronger integration into the faculties for **independent junior group leaders** at the science hub Dresden and includes, among other things, individual qualification offers. The title is awarded for a limited period of time and was introduced as part of the implementation of the Institutional Strategy at the TU Dresden.

Networking Event for Dresden Fellows and Trefftz Professors



On 25 July 2019, this year's Trefftz professors met with the current Dresden Fellows and their TUD hosts for a summer lunch.

After a keynote by Prof. Anita Behme, Chair of Applied Stochastics and one of the first Trefftz professors (2013-2014), the 14 Dresden Fellows and six female Trefftz professors introduced their current research topics.

Since 2013, a total of 29 Trefftz professors have been invited to TU Dresden. The Eleonore Trefftz Programme for Visiting Women Professors is intended to promote female careers on the way to a professorship and enables excellent female scientists to spend up to one year teaching and researching at the TU Dresden.

Within the framework of the Dresden Fellowship Programme, a total of 163 international guest scientists have followed the invitation of TU Dresden since 2013 to further develop scientific cooperation and joint research projects during a stay of up to six months.

Both programmes are funded by TU Dresden's Institutional Strategy within the framework of the Excellence Initiative of the Federal and State Governments.

Special DDC Science Tram Tour Focusing on Cancer and Alzheimer's



On 16 September 2019, a special tour with the DRESDEN-concept Science Tram will take place at 5 pm. The trip is dedicated to the topic "Cancer, Alzheimer's and Other Major Diseases - Research in Search of Solutions".

Scientists offer insight into current research on stem cell transplantation, retina research, Alzheimer's disease and basic research in medicine. During the 90-minute ride, which starts at the stop "Straßburger Platz" (at the Gläserne Manufaktur), the speakers will rotate between the seating groups in the tram and will answer questions.

The experts come from the Max Planck Institute for Molecular Cell Biology and Genetics, the Center for Regenerative Therapies Dresden (CRTD), the National Center for Tumor Diseases (NCT), the Leibniz Institute of Polymer Research Dresden and the German Center for Neurodegenerative Diseases Dresden.

The tour is free of charge, tickets are available at www.medizintram.eventbrite.de.

cfaed Colloquium on 27 September

After seven years as a DFG-funded Cluster of Excellence, the Center for Advancing Electronics Dresden (cfaed) looks back on a period that began with innovative research visions and produced successes as well as

failures, new ideas and perspectives in the field of electronics research. At the same time, the research centre is now at a point of transition into a new working phase.

Within the framework of a colloquium on **27 September 2019, 9 am to 5 pm, in the Schönfeld auditorium at the Barkhausen building** (Georg-Schumann-Straße 13), the cfaed will present **lectures, posters and inspiring discussions**. Both cfaed members and external keynote speakers will present successes as well as perspectives and visions for the next cfaed phase.

Further information and registration at <https://bit.ly/2MscwYZ>.

cfaed Investigates Influence of Fluctuating Signals on Power Grids

Scientists from the Center for Advancing Electronics Dresden (cfaed), together with partners from other German universities and research institutions, have investigated how highly complex dynamical systems react to external influences using the example of power grids.

The results contribute to an understanding of the processes that take place, for example, during the **input of weather-dependent and thus strongly fluctuating renewable energies into the power grids**. However, they can be transferred to various types of dynamical networks.

The study has been published in the journal "Science Advances" on 31 July 2019.

100,000th Baby Examined as Part of Large Diabetes Study

In July 2019, Arthur, two weeks old from Eilenburg in Saxony (photo), was the 100,000th baby to be examined for an increased genetic risk for type 1 diabetes in the framework of one of the largest type 1 diabetes research collaborations in Europe.



If an increased risk is detected in a newborn child as part of the screening test – in Saxony the so-called "Freder1k Study" – parents are invited to participate with their child in the prevention study "POInT" with oral insulin. The aim: to delay or even prevent type 1 diabetes.

In Saxony, all children up to the age of four months can be tested free of charge for an increased risk of type 1 diabetes as part of the **Freder1k Study**. The examination can be carried out in a maternity clinic or by a paediatrician.

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