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## EVENTS

**Public lecture series "Nobel Laureates at TU Dresden" to commence**

The School of Science would like to invite all science-fans and the interested public to the next lecture series "Nobel Laureates at TU Dresden" starting in April. Clone-pioneer, mismatch-researcher, Lady of the flies and Ghost-particle hunter – the next round of "Nobel Laureates" promises four outstanding and exciting scientists whose research was honoured with the most famous prize in the world!

The series will start with the British knight and clone-pioneer Sir John B. Gurdon. On April 26<sup>th</sup> at 7 pm he will hold a lecture on the topic "*Somatic cell nuclear transfer: memory of the past versus hope for the future*" at the Audimax (central lecture hall). The Nobel Prize in Physiology or Medicine 2012 was awarded to Sir John B. Gurdon "for the discovery that mature cells can be reprogrammed to become pluripotent" – honouring his pioneering work in the field of clone and stem cell research.

We kindly ask you to register prior to the lecture. Please find further information on this and all other talks on our website [tu-dresden.de/mn/nobel](http://tu-dresden.de/mn/nobel).

**TeaP – over 700 psychologists met in Dresden**

From 26<sup>th</sup> to 29<sup>th</sup> of March 2017, the "TeaP - Tagung für experimentell arbeitende Psychologen und Psychologinnen" took place at TU Dresden for the first time. With over 600 scientific contributions, themes ranged from cognition and attention functions over learning, memory, thought, decision and problem solving processes to speech processing and action control. Numerous conference contributions also focused on research results at the interface of psychology and neuroscience. Outstanding scientists such as Klaus Oberauer, Tania Singer and Patrick Haggard informed on the latest research in the field of working memory, the social brain and neuronal basis of volitional acts.

The TeaP 2017 in Dresden was organized by Prof. Thomas Goschke (Chair of General Psychology), Prof. Clemens Kirschbaum (Chair of Biopsychology) and Prof. Annette Bolte (Chair of General Psychology).

## RESEARCH

**Master thesis on innovative OLED displays internationally awarded**

On 14 March 2017, Felix Simon Fries, physicist at the IAAP, was awarded the "SID-ME Chapter Best Student Award" by the Society for Information Displays for his Master's thesis on the development of new OLED display architectures. The prize money of 1500€ is granted annually for an outstanding scientific or technical contribution to research on screen technology. Mr. Fries developed and examined special architectures for organic light-emitting diodes (OLEDs), with which the intensity and colour of the light emission can be continuously varied through the beam angle. Furthermore, he could verify his experimental results through optical simulations and therefore was even able to make predictions about the beam characteristics. Through his research findings, Mr. Fries has created a crucial basis for future innovative display concepts.



Nobel Laureate John Gurdon is even at the age of 83 still leader of a research group at the Gurdon Institute at the University of Cambridge. © private

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## SCIENCE MARCH DRESDEN

### Support the freedom of Science!

On April 22<sup>nd</sup>, 2017 a march for science will take place around the world, demanding politicians to include scientifically established facts into their decision making processes.

In Dresden, the Science March will take place on April 22<sup>nd</sup>, at 1.30 pm starting at "Theaterplatz". Dresden is one out of approximately 400 cities worldwide setting an example for freedom of science and the value of scientific knowledge for the social discourse.

Join us!

Please support us, not only by attending the Science March Dresden, but also by publicizing the event with your call (written or video message, see [support video of the Rector](#)). The organizational team will be happy to support you with this.

E-Mail:

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More infos:

Facebook: [fb.com/ScienceMarchDD](https://www.facebook.com/ScienceMarchDD)



*Mathematician Prof. Stefan Siegmund was awarded the „Alexander von Humboldt Polish Honorary Research Fellowship.“ © Nils Eisfeld*

## Polish Humboldt research award for Stefan Siegmund

Stefan Siegmund, holder of the Chair of Dynamics and Control at the Department of Mathematics at TU Dresden, has been awarded the Alexander von Humboldt Polish Honorary Research Fellowship – the Polish equivalent to the prestigious German Humboldt Research Award. In his project „Qualitative theory of fractional difference operators“, he intends to do basic research on new applications in electronics together with his colleagues from the Silesian University of Technology in Poland. The Foundation for Polish Science (FNP) awards the „Alexander von Humboldt Polish Honorary Research Fellowship“ annually to outstanding professors from Germany. The candidates are nominated by Polish scholars and come from all fields of research. Apart from honouring the scientific accomplishments of the laureates, the fellowship is also intended to promote long-term cooperation between Polish and German researchers.

## Symposium on novel porous materials – MOF-Switches

From 13 – 14 March 2017, the symposium “Switchability in Porous Metal-Organic Frameworks” took place at the Chair of Inorganic Chemistry I under the supervision of Professor Stefan Kaskel. Over 60 participants came together at TU Dresden to discuss novel porous materials and learn more about the newest research findings. The centre of interest were porous materials which can dynamically switch their pore size in the nanometre range, so called Switchable Metal-Organic Frameworks (MOFs). Numerous lectures of internationally renowned experts, such as J. Long (Berkeley), R. Matsuda and S. Watanabe (Kyoto), examined the high potential of switchable MOFs, for example in gas storage and sensor technology as well as new phenomena in fundamental research. MOF-switches will also be the topic of the [German Research Foundation Research Unit 2433](#) at the TU Dresden for the next 6 years.

## STUDIES

### IASTE: new team members wanted!

We are a committed and open-minded team of voluntary students of different subjects, who support students in Germany and abroad in the realization of their internships. Our work is manifold and promotes your soft skills and your knowledge of foreign languages. If you are interested to work in a network with over 80 member countries and learn more about foreign cultures, then you are welcome to join IASTE (*International Association for Exchange of Students for Technical Experience*). You can send an E-mail to [office@iaestedresden.de](mailto:office@iaestedresden.de) or visit our Facebook page. Please find more information on our homepage [www.iaestedresden.de](http://www.iaestedresden.de).

## GRANT CALLS

### Young Investigator Fund for Innovative Research Ideas

The Ernst Schering Foundation offers start-up grants to fund promising research ideas by young scientists. Support is provided for projects in the fields of biochemical, neuroscience or immunological basic research with biomedical implications. Applications for the “Young Investigator Fund” may be submitted **until May 15, 2017**. The start-up grant lays the foundations for a subsequent DFG or similar grant application. Applicants can apply for up to EUR 60,000 per project. Please find the detailed call including information on funding details, grant requirements and the application process on the [website](#) of the foundation.

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