



University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

August 2019

Events

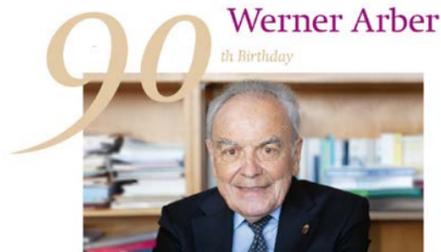
5th DBE Research Day
28 August 2019 ZLF Basel



5th DBE Research Day 2019

This year's DBE Research Day will take place on August 28, 2019 from 8:45 to 15:00 at the "Zentrum für Lehre und Forschung" (ZLF). The program of the Research Day is very attractive, so don't hesitate to inform your academic collaborators and industry partners to join us at the ZLF at University Hospital. You can find the program [on our website](#). Apart from talks and posters a session with speed pitches of innovative research groups will be presented – a special opportunity to get insight into new developments.

Admission is free, but [online](#) registration is required from everyone.



Symposium in honour of Nobel Laureate Werner Arber

The Biozentrum invites you to a scientific symposium to celebrate the 90th birthday of Prof. em. Werner Arber, Nobel Prize Laureate 1978 and founding member of the Biozentrum, University of Basel. August 28, 2019, 4.00 – 5.30 pm followed by an apéro. Lecture Hall 1, Pharmazentrum, Klingelbergstrasse 50, Basel. [Please register online](#).



Information event for funding by the European program Horizon 2020 - September 12, Spiegelgasse 5, University Medical Library of University of Basel

Euresearch Basel and Department of Mathematics and Computer Science of University of Basel organized an information event for funding by the European program Horizon 2020. The meeting is entitled [Horizon 2020 - Information and Networking in "Information and Communication Technologies, ICT"](#) and informs about the forthcoming work program as well as experiences and insights from successful applicants.



DBE Summer School 2019

For the 4th time the PhD Program in Biomedical Engineering organized a DBE Summer School 2019. This year it took place from 16.06.2019 to 21.06.2019 at the Hotel Art Furrer on Riederalp in the Valais. The Summer School focused on "Machine Learning for (medical) imaging". Around 24 students actively participated in the inspiring lectures of the following leading scholars in their field: Prof. Jiantao Pu (University of Pittsburgh, USA), Prof. Ender Konukoglu (ETH Zurich, Switzerland), Prof. Tobi Delbrück (ETH Zurich, Switzerland) and Dr. Benjamin Odry (Siemens Corporate Technology, Princeton, USA).

Research Funding



Third call of the Southeast Asia – Europe Joint Funding Scheme

The objective of the [Joint Funding Scheme \(JFS\)](#) is to bring together Southeast Asian and European researchers so that they can collaborate on topics of mutual interest. The call is open to the following thematic areas "Integrated Water Resource Management (IWRM)" and "Nanotechnologies". The submission deadline is October 28, 2019.



Early Postdoc.Mobility

Early Postdoc.Mobility fellowships are designed for early-career postdocs who wish to enhance their scientific profile by working at a research institution abroad. The fellowships include a grant towards living costs, a flat-rate for travel expenses and a contribution to research, conference and matriculation costs if necessary. In principle, these fellowships are awarded for 18 months, or for no less than 12 months in justified cases. The submission deadline is September 1, 2019. [Find more here](#).

BRIDGE

BRIDGE Proof of Concept

The [twelfth call for BRIDGE Proof of Concept projects](#) is open until 9 September 2019. Young researchers who want to apply their research results and realize an innovative product or service can submit their project proposal.

About us



AOT- First Robotic Bone-Cut with a Laser Worldwide

[AOT AG announces](#) the first-in-human clinical use of the CARLO® device at the University Hospital Basel, performing the first robotic bone-cut with a laser worldwide. The head of the DBE Prof. Cattin as well as the DBE researchers Prof. Zeilhofer and Prof. Jürgens were co-founders of the company AOT and its product called CARLO®. CARLO® is a new technology to reinvent bone surgery by the means of robot-assisted «cold» photoablation.

The Department of Biomedical Engineering bridges the gap between natural science and medicine in order to improve procedures and technologies for medical treatment. It is a joint venture of the University of Basel, the University Hospital Basel and the University Children's Hospital Basel.

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