

# DBE Newsletter

August 2018

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## Success



Prof. Azhar Zam and Yakub Bayhaqi from the MIRACLE/Biomedical Laser and Optics Group obtained the 1st Place Award for their paper "Neural Network in Tissue Characterization of Optical Coherence Tomography Images for Smart Laser Surgery: A Preliminary Study" in the "Best Oral Presentation" category at the "3rd International Seminar on Photonics, Optics and its Applications/ISPhOA 2018". Congratulations!



Prof. Georg Rauter and Ivan Sušić from the MIRACLE/Bio-Inspired RObots for MEDicine-Lab obtained a Bronze Medal for their paper "Enabling Minimal Invasive Palpation in Flexible Robotic Endoscopes" in the "Best Student Paper Award" category at the "6th International Workshop on New Trends in Medical and Service Robotics/MESROB2018". Congratulations!

## Media



The SpectoVR software developed by the Center for medical Image Analysis and Navigation (CIAN), led by Prof. Philippe Cattin, attracted media attention. Since 2018 all operations with patients undergoing elective aneurysm repair at the University Hospital Basel (USB) are prepared with SpectoVR technology. In July 2018 several articles reported about the successful application of SpectoVR at the USB. They were published in the following publications: the University Hospital Basel magazine [Gazzetta](#), *Basler Zeitung* as well as the tabloid paper [20 Minuten](#). In addition, a radio report was broadcasted by [SRF1](#).

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## Announcements

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The program of the 4th Research Day of our department promises to provide an overview on newest projects of DBE members and enables us to get to know each other's research foci better. Please make sure to join us for the welcome speech by Prof. Urs Frey, Medical Director of the University Children's Hospital, 16 presentations and the poster session with 50 participants on September 5, starting at 08:45h.

In order to receive a badge, please register [online \(see also program details\)](#). If you have not yet submitted your poster, please catch up as soon as possible by providing the poster title, the name of the main author and your e-mail address to [news-dbe@unibas.ch](mailto:news-dbe@unibas.ch).

Last but not least, feel free to invite your academic and industrial collaborators to this public event in the University Hospital Basel!

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## BRIDGE

It is still possible to apply for the 8th round of the funding scheme "Proof of Concept". BRIDGE is a joint program conducted by the Swiss National Science Foundation (SNSF) and Innosuisse - the Swiss Innovation Agency. It offers funding opportunities at the intersection of basic research and science-based innovation. Projects can be submitted via the mySNF platform.

The deadline for submissions is September 10, 2018. Please find more information [here](#).



The University of Basel promotes the academic careers of outstanding junior researchers by awarding grants from the research fund. The [call for applications](#) is aimed at junior researchers at the University of Basel who wish to pursue an academic career and who have already distinguished themselves through their outstanding achievements. Applicants can apply for up to CHF 80,000 in funding.

The next submission deadlines are September 1, 2018, and February 1, 2019.

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## Events

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This year's UKBB Research Day takes place on October 23, 2018 at the Hotel Bildungszentrum 21, Missionsstrasse 21 in Basel.

Please find the registration form including the program [here](#).

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**BASEL  
AREA.  
SWISS** INNOVATION  
EVENT

Basel Area.Swiss cordially invite you to their yearly summer event TALK & CONNECT on September 5, 2018 at Restaurant Acqua in Basel. Please register online by August, 24 August 2018 via [baselarea.swiss/talkconnect](http://baselarea.swiss/talkconnect).

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.



University  
of Basel



University Hospital  
Basel

