

DBE Newsletter

December 2017

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Success



Ludwig Kappos, Chief Physician Neurology at the Basel University Hospital and member of the DBE Executive Board, has received the Sobek Research Award of EUR 100,000 for outstanding scientific achievements in the field of multiple sclerosis (MS).

We congratulate Prof. Kappos on his success!



From 8–10 August 2017 the eleventh SPIE Conference on Developments in X-ray Tomography took place in San Diego. Bert Müller of the Biomaterials Science Center (BMC) has been chair of the conference which is a platform for research teams active in the field of x-ray tomography to exchange ideas and discuss topics on instrumentation, algorithms, and a wide variety of applications that need tomographic characterization.

Please find the proceedings of the conference [here](#).

Media



Research of the Center for medical Image Analysis & Navigation (CIAN) of Philippe Cattin has been featured in the SRF research broadcast "Einstein". The SpectoVive virtual reality system is used by Basel medical students in their anatomy classes and surgeons in their preparation for surgeries.

Please find the video [here](#).

MIRACLE



On November 23, members of the Werner Siemens-Stiftung – which funded the MIRACLE project with 15.2 Mio CHF – visited the DBE. After a welcome speech of the Vice-Rector Research Edwin Constable, the representatives of the foundation attended presentations in each of the four involved research groups: BIROMED-Lab, BLOG, Planning and Navigation (part of CIAN) and Smart Implants. The foundation underlined that it is impressed by the fast progress made in the project and that the foundation is looking forward to the outcomes to be expected.

Announcement



[The SNSF Scientific Image Competition](#) encourages researchers working in Switzerland to present their works to the public and the media. Photographs, images and videos will be rated in terms of their aesthetic quality and their ability to inspire and amaze, to convey or illustrate knowledge, to tell a human story or to let us discover a new universe. Please feel encouraged to participate (deadline is 31 January 2018)!

Events

diss:kurs Program



On January 24, 2018, the Diss:Kurs event of the University takes place where doctoral students present their projects. Peter of the CIAN group will contribute a presentation on “The magic lens - improving lymph node biopsy by augmented reality”. The program takes place in the “Museum der Kulturen” enriched by an Apéro.

For more information and the online registration click [here](#).

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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