



Department of
Biomedical
Engineering

DBE Newsletter June 2017

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Success

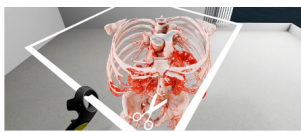
BRIDGE

Dr. Tino Töpper of the Biomaterials Science Center has been awarded a [BRIDGE Proof of Concept grant](#) of 120,000 CHF for the project “Enhancing the capabilities of artificial muscle implants using low-voltage dielectric elastomer sensors”. Congratulations!

CTI Swiss Medtech Award

The project [“Robot-assisted gait rehabilitation: from guided to challenging walking”](#) of Prof. Georg Rauter has been among the final three candidates for the CTI Swiss Medtech Award 2017. Congratulations!

Staff



There are two vacant PhD positions in the MIRACLE project:

[Augmented Reality and Surgical Planning System](#)
(please spread the word).

Media



The Sci Five science blog of the University of Basel published an [article](#) on the MIRACLE project and its subgroup „Planning and Navigation“.

Research Day - call for participation

DBE Research Day 2017

This year's Research Day takes place on August 23, 2017. The call for participation has been circulated, please inform us about your contributions via email by 5 July 2017 (news-dbe@unibas.ch):

| Every PhD student should present a poster on their project, which will be shown in the Foyer of the Zentrum für Lehre und Forschung.

| Everyone is invited to apply for a "research speed pitch which allows to have brief, casual and interactive conversations. Each interviewee will have the opportunity to describe and discuss aspects of her/his research project in strictly timed three minutes (oral presentation) followed by six minutes' questions and answers.

Events



Please have a look at the symposium ["3D Printing for Life Sciences"](#) on July 4th, 2017. The University of Applied Sciences Northwestern Switzerland, the 3D Print Lab at the University Hospital Basel & Medical Additive Manufacturing Research Group / DBE Allschwil organize this event in collaboration with BaselArea.swiss at the FHNW School of Life Sciences in MuttENZ.



Please have a look at [the program](#) of the Movement-Analysis Summer School (August 9th to August 11th, 2017, at the BZG Münchenstein). The Summer School offers the opportunity to gain practical and theoretical know-how in Movement Analysis technology and data analysis. Five workshops in small groups make it inter alia possible to compare different Motion Capture (MoCap) Technologies and Systems.

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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