



University  
of Basel

Department of  
Biomedical Engineering

# DBE Newsletter

April 2022

## Events



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### DBE Apéro – May 18, 2022 – please register now!

We are pleased to invite you to an Apéro at the DBE in Allschwil (Gewerbstrasse 14) on May 18! Now that the Corona restrictions have all fallen, we would like to meet again in person to make up for the cancelled New Year's Apéro, to celebrate the PhD students who have completed their PhD in the past year, and to bring your focus to current developments at the DBE. For a better planning, we ask you to register [here](#).

### 8<sup>th</sup> DBE Research Day on August 30, 2022 – save the date and register!

This year's DBE Research Day will take place on Tuesday, August 30, 2022 at the "Zentrum für Lehre und Forschung" (ZLF), University Hospital Basel. The committee is currently working on an engaging program which brings together researchers and practitioners from different disciplines with the motto "Innovation through Collaboration". The detailed program will be shared with you very soon but you can already save the date and [register online](#) for the event.



### Inaugural Lecture by PD Dr. Florian Thieringer on May 19, 2022

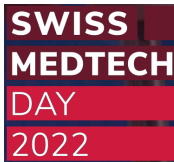
You are cordially invited to the inaugural lecture «3D-Druck in der MKG-Chirurgie – Hightech zum Anfassen» by PD Dr. mult. Florian Thieringer. Please register below and come to the auditorium of the Natural History Museum at Augustinergasse 2, 4051 Basel on Thursday, 19 May, 2022, 6:15 p.m. Afterwards, everyone is cordially invited to an aperitif at the Rollerhof Museum Bistro, Münsterplatz 20. Please register by May 1, 2022 digitally with this [form](#) or by email to [Florian.Thieringer@usb.ch](mailto:Florian.Thieringer@usb.ch).

COMMUNITY EVENTS 2022  
MAIN CAMPUS



### Tropical Night with Prof. Peter Odermatt from SwissTPH, May 5, 2022, 16:45-19:00

The Switzerland Innovation Park Basel Area AG (SIP) invites you to the next get-together at Innovation Garage ([Kreuzstrasse 4, Allschwil](#)). Join the social evening with Prof. Dr. Peter Odermatt from Swiss TPH and some tropical culinary delights. Click [here](#) for registration until May 2, 2022.



### Swiss Medtech Day – June 14, 2022

Every year, more than 500 people from the medical technology, healthcare, research and science sectors gather at Swiss Medtech Day. The event is focused on the topic "Digital Health Technology". Register [here](#) and find the preliminary program.

ETH zürich



University of  
Zurich

EXCITE  
ZÜRICH IMAGING

### 16<sup>th</sup> EXCITE Zurich Summer School on Biomedical Imaging, September 5-16, 2022

The [EXCITE Summer School on Biomedical Imaging](#) is dedicated to teaching the basics of biomedical imaging alongside an overview of applications which are vital to understand recent advances and current challenges in biological and medical imaging. A range of cutting-edge techniques and analysis tools are discussed. Application deadline is on May 2, 2022.

## About us - Highlighted

robotics  
NTN Innovation Booster

### New NTN Innovation Booster Robotics

In January 2022 the NTN Innovation Booster - Robotics started. It aims to establish robotics as a core pillar of the Swiss economy and acts as a central infrastructure for the Swiss robotics community, including key business, research and societal actors.

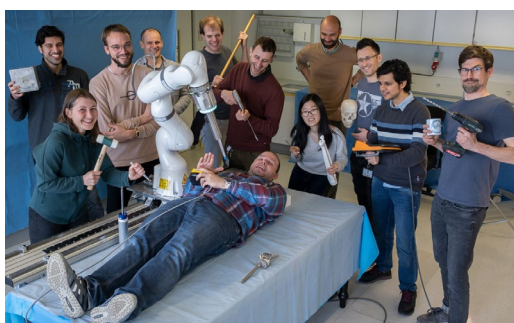
Prof. Georg Rauter at the DBE is co-PI and key person in particular for topics in the field of medical robotics of the new NTN Innovation Booster Robotics. It is led by EPFL, represented by Prof. Aude Billard, and co-led by ETHZ, represented by Prof. Roland Siegwart. The NTN Innovation Booster Robotics is one of a total of 18 NTN Innovation Boosters initiated by Innosuisse.



### GRID Building Site Visit

In April 2022, a group of about 20 DBE members had the chance to visit the GRID building site. While walking through their future laboratories, offices, and collaborative areas, they were able to see the progress of the construction work. Don't worry, if you missed this opportunity, you contact us to volunteer to participate in the next visit (tbc) or simply check our [DBE@GRID](#) website (only via VPN) where you will find many pictures of the event.

## About us – We welcome



### four new colleagues of the BIROMED-Lab:

3<sup>rd</sup> from left: **Felix Erb**, PhD student, research focus: Robotic System for Functional Spine Unit Measurements; 7<sup>th</sup> from left, front row: **Yukiko Tomooka**, PhD student, research focus: Attachment Strategies for Minimally Invasive Medical Robots; 9<sup>th</sup> from left: **Cédric Schicklin**, PhD student, research focus: Robotic Incubator to Synthesize Vascularized Organoids.

Not on the picture: **Jack Wilkie**, PhD student, research focus: Automated Bone Screw Torque Optimization.

## Calls & Research Funding Deadlines



### SNSF Consolidator Grants 2022

[Grants](#) for researchers who wish to consolidate their scientific independence in Switzerland. Due to Switzerland's current status of non-associated third country in Horizon Europe, the SNSF is launching this call on the government's behalf to support researchers (based in Switzerland or abroad) who planned to apply for an ERC Consolidator Grant. Submission deadline: June 1, 2022.

### BRIDGE Discovery

The new call for [BRIDGE Proof of Concept](#) projects is open until June 13, 2022. Young researchers who want to apply their research results and realize an innovative product or service can submit their project proposal.

### Strategic Japanese-Swiss Science and Technology Program: Call for proposals 2022

As part of the federal government's bilateral programs, the SNSF and the Japan Society for the Promotion of Science are launching a joint call for proposals on the topic of ["Designing Future Societies"](#). The call is open to projects from all disciplines and is aimed at promoting collaboration between researchers in Switzerland and in Japan. Submission deadline: June 30, 2022.

## Good to know



### What's new - Changes to the Implementation Regulations

The SNSF is amending various provisions in the General implementation regulations for the Funding Regulations, effective date July 1, 2022. The provisions apply to all funding schemes. Find more information [here](#).

At the Department of Biomedical Engineering, we translate basic science and engineering into medical knowledge and healthcare innovations. We provide high quality education and capacity building for academics, clinicians, and industrial partners. The DBE is a joint venture of the University of Basel, the University Hospital Basel and the University Children's Hospital Basel.

You would like to publish news in the newsletter?

Please write us to [news-dbe@unibas.ch](mailto:news-dbe@unibas.ch)

