



University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

September 2022

Congratulations



to Prof. Florian Thieringer, appointed new Professor of Oral and Maxillofacial Surgery
The University Council has appointed [Florian M. Thieringer](#) as Professor of Oral and Maxillofacial Surgery at the Faculty of Medicine starting on October 1, 2022. With this appointment, Prof. Thieringer will also become the new head of the clinic for oral and maxillofacial surgery at the University Hospital of Basel. He founded the 3D Print Lab at the University Hospital of Basel in 2016 and remains its co-director. He is also co-principal investigator of the MIRACLE II flagship project at the Department of Biomedical Engineering, University of Basel.



to Prof. Bert Müller on the 2022 SPIE Biophotonics Technology Innovator Award
Bert Müller from BMC has received the SPIE Biophotonics Technology Innovator Award. It recognizes extraordinary achievements in biophotonics technology development that show strong promise or potential impact in biology, medicine, and biomedical optics. Find more details on [DBE news](#).



to Dr. sc. med. Melanie Bauer on her PhD thesis award
Melanie Bauer from the Forensic Medicine and Imaging research group has received the [PhD thesis award](#) from the German Society of Forensic Medicine (DGRM). The award is given annually for an outstanding doctoral thesis in the entire field of forensic medicine. It has been ceremoniously presented to her during the 101st annual meeting of the DGRM, which took place in Lugano at end of August.

About us – Highlighted



MIRACLE II in Basler Zeitung and Südwestrundfunk

As a result of the media event of the MIRACLE II Project, Basler Zeitung dedicated a major article to the project, which was announced on the front page. Additionally, the German Südwestrundfunk (SWR) broadcasted a radio production on the project. Find the links at [DBE news](#).



Townhall Meeting N° 2 on the move to GRID

On August 18, Townhall Meeting No 2 on the move to the GRID was held on Zoom. We informed about the moving plan, furnishing, shared desk policy, lounge activities, conference room names and group research pictures. Concerns and ideas were discussed. A runoff vote was held on the type of names of our DBE conference rooms. Swiss mountains won over Latin body parts with 72% of the votes. So, our conference rooms will be called Matterhorn, Eiger etc., not caput, oculus, etc. Find more [here](#).

About us – We welcome



Paul Friedrich, who started his PhD in the Planning and Navigation group of the MIRACLE project. Paul, who holds a master's degree in Medical Engineering, already joined the DBE and the CIAN group for his master's thesis back in March 2022 and worked on a deep-learning approach for navigated anterior cruciate ligament surgeries. During his PhD, he will investigate novel deep-learning methods for automatic patient-specific implant generation and surgery planning in VR.



Zhihong Yin, who started her PhD in the Translational Medicine Breath Research group led by Prof. Pablo Sinues. Zhihong completed her master thesis on the feasibility study of mass spectrometry breath analysis as a non-invasive technique for influenza at the Laboratory for MS-based Breathomics at Jinan University in China. During her PhD, she will focus on the therapeutic drug monitoring guided by breath analysis.

Events



8th DBE Research Day

Over 200 visitors, 11 talks, four translational science slam tandem presentations, four film screenings—and a ton of mutual inspiration. The motto of the 8th DBE Research Day was «Translation through Collaboration». And you could feel that this is a truthful characterization of the collaboration between the DBE, the University Hospital Basel and the University Children's Hospital Basel. Check out some pictures [here](#) and save the date for the **9th DBE Research Day on August 29, 2023!**



Save the date: SNSF and Innosuisse online information events

Financial support – but how? In November and December 2022, the SNSF and Innosuisse will hold three online information events for researchers. Find [here](#) more information including the different dates.

Media courses for researchers: Autumn program 2022

The media, whether on television or on social media, have their own rules. With various experts, you will learn how to deal with them professionally. Find more about it [here](#).



Digital Ethics Symposium | October 5, 2022

This year's conference will focus on the question of responsibility in the use of digital applications. Digital therapeutics are to be considered like traditional medicines and are therefore subject to comparable requirements for approval. What about possible side effects or errors during manufacturing? Should we not facilitate these modern developments and promote them more intensively so as not to miss the boat? Do you want to discuss ways and possibilities with outstanding speakers, register [here](#).



Planning my data analysis in a nutshell | October 25, 2022

In [this seminar](#) it will be discussed why an initial data analysis as well as the creation of an analysis plan are important for the planning of a clinical research project. The seminar will be held online and in English.



Science Slam Basel 2022 | October 14, 2022

The [Science Slam Club Basel](#) welcomes to an evening full of science and entertainment at the Pathé Küchlin. You are invited to listen to exciting and amusing presentations from various disciplines and may vote for the best at the end.



Horizon Europe - Collaborative Funding Opportunities in "Health" related Topics

The aim of this event is to inform you about collaborative funding opportunities from Horizon Europe for clinical and "health" related topics with deadlines in 2023 – 2024. New calls will be launched in the next months and therefore, EU consortia are currently looking for research partners. Register [here](#) for the event on October 20, 2022.

Calls & Research Funding Deadlines



MIT-Switzerland Lockheed Martin Seed Fund

Through an annual call for proposals, the fund promotes the exchange between faculty and students at MIT and at universities and public research institutions in Switzerland. Find more about the proposal requirements [here](#) and submit your proposal before December 13, 2022.



Ambizione

[Ambizione](#) grants are aimed at young researchers who wish to conduct, manage and lead an independent project at a Swiss higher education institution. Submission deadline: November 1, 2022.

SNSF Advanced Grants 2022

[Grants](#) for leading researchers who want to conduct innovative, high-risk research in Switzerland. Switzerland is still considered a non-associated third country in the Horizon Europe program. On behalf of the federal government, the SNSF is launching a new call for its transitional measure "SNSF Advanced Grants" in 2022, aimed at researchers who intended to apply for an ERC Advanced Grant. Submission deadline: November 2, 2022.

Spirit

[SPIRIT](#) facilitates knowledge exchange between researchers in Switzerland and researchers in a range of low- and middle-income countries. Submission deadline: November 2, 2022.

Sinergia

[Sinergia](#) promotes the interdisciplinary collaboration of two to four applicants who propose breakthrough research. Submission deadline: November 2, 2022.

Latest Calls for Proposals of the SNF

Here you can find the regularly updated page where you can find new calls and research funding deadlines of the SNF like [Quantum Transitional Call](#) or [FLARE 2023-2024: Call for proposals 2022](#).

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.

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