



University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

May 2022

Events



Symposium on 3D Printing for Life Sciences 2022, June 29, FHNW Campus MuttENZ

The “3D Printing for Life Sciences” symposium is providing an insight into current state of the art of 3D Printing in various disciplines of Life Sciences. It offers a platform for stakeholders and researchers from pharmaceutical and medical device industry as well as interested clinicians to exchange themselves with dedicated experts in 3D Printing – with a strong presence of the DBE Smart Implants group. The registration is open [here](#).



Save the date: Farewell-Symposium Prof. Kurt Jäger, July 11, 2022, Start 2 p.m.

You are cordially invited to attend the Farewell-Symposium of Prof. Kurt Jäger on July 11, 2022 at 2 p.m. The symposium will be held in German in the auditorium of the Natural History Museum at Augustinergasse 2, 4051 Basel.

Please register by e-mail to jeannette.vonjackowski@unibas.ch until July 1, 2022.



Save the Date: 8th DBE Research Day on August 30, 2022

No doubt you will participate in the Department of Biomedical Engineering's 8th Research Day “Innovation Through Collaboration” on August 30, 2022. This time, it's all about innovation as a collaborative creative endeavor. We are putting the final touches on the very exiting program which will be published in the next weeks. However, you can register already now [here](#).

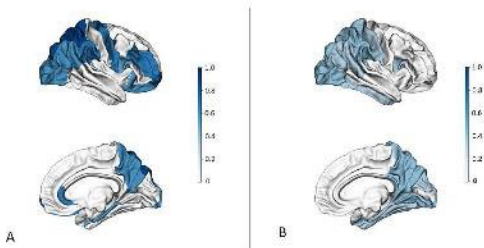
Congratulations



on the DBE Double Success at BRCC Principal Investigator Initiative

Dr. Edgar Delgado-Eckert and Dr. Robin Sandkühler & Prof. Philippe Cattin have been successful at the PII scheme of the Botnar Research Center for Child Health. Dr. Delgado-Eckert's project is called “Alex: Design, Development and Evaluation of a Digital Health Assistant for Paediatric Asthma”. It aims to improve asthma control in children and adolescents using a Digital Health Assistant (DHA) designed for regular and sustained remote disease monitoring and patient coaching.

The project of Dr. Sandkühler and Prof. Cattin is called “Visual Analysis of Long-Lasting Insecticidal Nets to Maximise Universal Access”. It addresses the problem that long-lasting insecticidal nets (LLINs) – the mainstay of malaria control – often develop holes and wear out sooner than their expected lifespan. Find more detailed information about both projects at [DBE news](#).



to THINK on a major publication and a grant by Hasler Stiftung

The Haslerstiftung in Berne will fund a project conceived by Meritxell Bach Cuadra (Lausanne University Hospital) and co-applicant Prof. Cristina Granziera. The project's title is “Explaining AI decisions in personalized healthcare: towards integration of deep learning into diagnosis and treatment planning (MSxplain)” and will be funded for three years with almost 450.000 CHF.

The research group THINK is in the driving seat of a study published in the highly prestigious [JAMA Neurology Journal](#). Its title is “Association of Brain Atrophy with Disease Progression Independent of Relapse Activity in Patients with Relapsing Multiple Sclerosis” with Dr. Alessandro Cogol appearing as first and Cristina Granziera as last authors.

About us



Check the DBE@GRID website

The countdown to our move to the GRID is running. In order to see what's really going on, check out our ever-growing [DBE@GRID website](#) (only accessible within the Unibas-network or when connected with VPN). You will find tons of new pictures there, but most interestingly two new sections: “[Concerns and Ideas](#)”, as well as “[Frequently Asked Questions](#)”. If you have concerns, ideas, or questions, please let us know in the “Concerns and Ideas”-Blog or get in touch with the representatives of the different user groups.



Successful 2nd DBE PhD Day

End of April 2022 the 2nd DBE PhD Day took place partly on-site and partly in person at the DBE. As researchers and clinicians do not run into each other in the hallway as often as we would like, the fundamental exchange with clinicians must therefore always be specifically organized. The DBE PhD Day is one of such measures to compensate for the physical distance to the hospitals. The successful event consisted of two parts – an academic part for the entirety of the department, followed by a social part open only to the PhD students. The event has been organized by DBE's PhD students for PhD students as a networking event. Many thanks to the organizing team! Find more at [DBE news](#).

Calls & Research Funding Deadlines



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.

Postdoc.Mobility

[Postdoc.Mobility](#) fellowships support postdocs who wish to conduct a research stay abroad. Submission deadline: August 1, 2022

Latest Calls for Proposals of the SNF

[Here](#) you can find the regularly updated page which gives you the latest information about new calls and research funding deadlines of the SNF.

Good to know



**Schweizerischer
Nationalfonds**

What's new – Open Research Data – amendment of the Implementation Regulations

Research data should be freely accessible to everyone – scientists as well as the general public. The SNSF has supported this principle for years. Now, it has also set out its Open Research Data policy in the Implementation Regulations and has amended Clause 11.8. 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.

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