

Biomedical Engineering Day

University of Bern
May 20, 2022

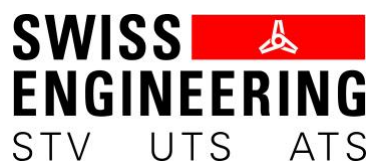


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**UNIVERSITÄT
BERN**

Master of Science in
Biomedical Engineering

Program

- 08.30** **Welcome**
Raphael Sznitman, ARTORG Center, University of Bern
Thomas Niederhauser, Engineering and Information Technology, Bern University of Applied Sciences
- 08.40** **Biomedical Engineering Research & Education – An Update**
Philippe Zysset, ARTORG Center and MSc BME, University of Bern
- 08.50** **Update Master's Program Artificial Intelligence in Medicine**
Stavroula Mougiakakou, ARTORG Center and MSc AIM, University of Bern
- 09.00** **From idea to investment: promoting entrepreneurial projects at UniBE**
Sébastien Hug, Innovation Office, University of Bern
- 09.10** **Presentation of Medical Technology Companies**
Edgar Schönbächler, Bien-Air Dental SA
The hidden champion of high-precision systems for oral medicine
Mathieu Lemay, CSEM
Lia Bally, University Hospital Bern, Nutrition, Metabolism and Obesity
Digital health: addressing unmet clinical needs through multimodal long-term non-invasive continuous monitoring
Benjamin Eigl, Jan Hermann, Moritz Schmid, CAScination AG
Bringing certainty to medical treatment outcomes – our story
Charles-Edouard Bardyn, DomoHealth SA
Extending the continuum of care into everyday life using real-world data and self-supervised learning
Carlos Ciller, RetinAI Medical AG
AI powered digital precision medicine in ophthalmology & beyond
Benjamin Haas, Symbios Orthopédie SA
Design and production of custom prostheses
Reto Lerf, Thommen Medical Solutions AG
Thommen Medical: driven by science, not trends.
Christoph Bacher, Ziemer Ophthalmic Systems AG
Ziemer group at a glance



- 09.50 Coffee Break / Visit Medtech Companies and Research Groups**
Meet with representatives of Medtech companies and research groups of the University of Bern, the Bern University Hospital (Inselspital) and the Bern University of Applied Sciences.
- 10.40 BME Club Awards (Alumni BME Master)**
Best Master Thesis Abstract (rank 1, 2 and 3), presented by Samuel Knobel, BME Club
- 10.50 Award Presentation**
RMS Award for the Best Master's Student (GPA)
Thomas Imwinkelried, RMS Foundation and **Lucas Geisshüsler**, BME alumnus
Best Master Thesis Award (Innovation) (sponsored by Swiss Engineering)
Best Master Thesis Award (Basic Science) (sponsored by Swiss Engineering)
Best PhD Thesis Award (sponsored by CCMT)
- 11.45 Live Surgery**
Andreas Häberlin, Department of Cardiology, University Hospital Bern (Inselspital)
Moderator: **Jens Seiler**, Department of Cardiology, University Hospital Bern (Inselspital)
- 12.45 Lunch and Visit Medtech Companies and Research Groups**
- 14.00 End of BME Day**

