Biomedical Engineering Day

Virtual Event
University of Bern
May 7, 2021
online

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UNIVERSITÄT
BERN

Master's Program
Biomedical Engineering

Online Program

08.30	**Welcome & Introduction**
	Raphael Sznitman, ARTORG Center, University of Bern
	Lukas Rohr, Engineering and Information Technology, Bern University of Applied Sciences
08.35	**Biomedical Engineering Research & Education – An Update**
	Philippe Zysset, ARTORG Center and MSc BME, University of Bern
08.45	**The new master's program: Artificial Intelligence in Medicine**
	Raphael Sznitman, ARTORG Center and MSc AIM, University of Bern
08.55	**Presentation of Medical Technology Companies (3-5 min. each)**
	Lukas Eschbach, RMS Foundation
	RMS Foundation - Activities and Range of Services
	Jiri Nohava, Anton Paar Switzerland and Anton Paar TriTec
	Surface Mechanical Properties of Biomaterials: from Cartilage to Ceramic Layers
	Anja Reischmann, CAScination AG
	Image-Guided Treatments for Cancer Patients and Patients with Hearing Disorders
	Ricard Delgado Gonzalo, CSEM
	Digital Health @ CSEM - Cooperative Sensor for Fetal Monitoring
	Guillaume Du Pasquier, DomoSafety
	The Future of Digital Health in Home Care
	Carlos Ciller, RetinAI Medical AG
	RetinAI - Accelerating Clinical Diagnostics, Research and Pharmaceutical Workflows
	Beat Linder, Ziemer Ophthalmic Systems AG
	Ziemer Ophthalmic Systems AG – Solutions for Better Vision
	Janick Stucki, AlveoliX AG
	Title presentation
9.35	**Bio 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), the Bern University of Applied Sciences and sitem-school at their virtual booths in Gather City.
	The coffee break will be open until 11.15 am.
10.35	**BME Club Awards (Alumni BME Master)**
	Best Master Thesis Abstract (rank 1, 2 and 3)

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competence center for
medical technology
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Biomedical
Engineering Club

10.45   **Award Presentation**
Award for the Best Master's Student (GPA) (RMS Foundation)
Best Master Thesis (Innovation) (Swiss Engineering) (10 min)
Best Master Thesis (Basic Science) (Swiss Engineering) (10 min)
Best PhD Award (CCMT) (20 min)

11.35   **My Thesis in 180 Seconds**
Competition for Master's and PhD students from the ARTORG Center
Vote for the best presentation!

11.45   **Live Surgery**
G. Kocher, Department of Thoracic Surgery, University Hospital Bern (Inselspital)
Moderator: **P. Dorn**, Department of Thoracic Surgery, University Hospital Bern (Inselspital)
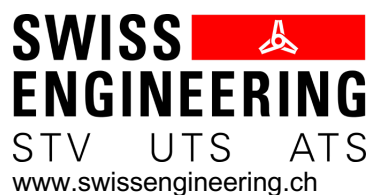
12.45   **Closing Remarks**