

Program and Exhibition



Organisation

MSc Biomedical Engineering
ARTORG Center for Biomedical Engineering
Research, Universität Bern

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Biomedical Engineering Day 2026

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Program

08.30 Welcome & Introduction

Virginia Richter, Rector of the University of Bern

Roger Filliger, Director of the TI-Department of the Bern University of Applied Sciences

08.45 Biomedical Engineering Research & Education – An Update

Philippe Zysset, ARTORG Center and MSc BME, University of Bern

08.55 Master's Program Artificial Intelligence in Medicine – An Update

Stavroula Mougiakakou, ARTORG Center and MSc AIM, University of Bern

09.05 From Idea to Investment: Promoting Entrepreneurial Projects at UniBE

Laura Camurri, Innovation Office, University of Bern

09.15 Lifelong Learning Advancing Translational Medicine – The sitem-insel School

Antje Knopf, sitem-insel School

09.25 Presentation of Medical Technology Companies

Jiri Nohava, Anton Paar TriTec SA

From hard to soft: surface analysis for biomedical applications

Ted Farwell, Cascination AG

Advancing Oncology and Otology with Image-guided Solutions

Naeimeh Behood, CSEM SA

Advancing Wearable Technology for Pregnancy Care

Dieter Ulrich, Helbling Technik Bern AG

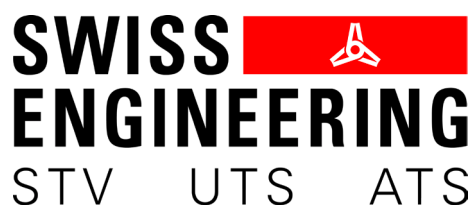
From the lab demonstrator to the medical device

Rosablanca Paez, Johnson&Johnson

Johnson & Johnson in Switzerland - Shaping the Future of Healthcare

Serife Seda Kucur, PeriVision AG

Accessible and Efficient Eye Care for the 21st Century



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Alexander Grundmann, Ypsomed

Ypsomed – and you...?

Markus Hoh, Ziemer Ophthalmic Systems AG

Connecting People and Technology

10.15 Coffee Break / Visit Medtech Companies and Research Groups

Participants may meet with representatives of Medtech companies at their booths and visit the research exhibits of the University of Bern and the Bern University of Applied Sciences.

11.00 MedTech Forum Discussion

Evaluation of the Master's Program in Biomedical Engineering

Daniel Delfosse, Former Head Regulation & Innovation, Swiss Medtech

Beat Lechmann, Director R&D Innovation, Johnson&Johnson

Dieter Ulrich, Head Biosensors & Digital Health, Helbling Technik Bern AG

Usha Sarma, Research Strategy Manager, ARTORG Center

Moderator: **Thomas Niederhauser**, Institute HuCE and MSc BME, Bern University of Applied Sciences

11.45 Live Surgery

Florian Schönhoff, Department of Heart Surgery, University Hospital Bern (Inselspital)

Moderator: **Selim Mosbahi**, Department of Heart Surgery, University Hospital Bern (Inselspital)

12.45 Lunch and Visit Medtech Companies and Research Groups

13.45 Award Presentations

Best PhD Thesis Award (sponsored by CCMT)

Pedro Pereira, ARTORG Center, University of Bern

Investigating the interplay between urine flow, crystal deposition and bacteria to improve the performance of ureteral stents

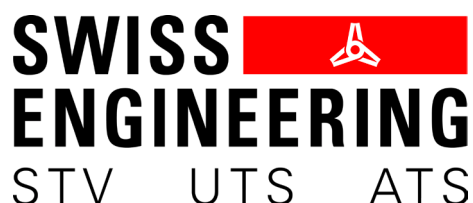
Best Master's Thesis Award AIM (sponsored by Swiss Engineering)

Nirosh Sivanesan, AIM alumnus, University of Bern

Benchmarking Foundation Models for Medical Imaging with Contextual Integration of DICOM Metadata

Best Master's Thesis Award BME - Innovation (sponsored by Swiss Engineering)

Sandro Gantner, BME alumnus, University of Bern



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Best Master's Thesis Award BME - Basic Science (sponsored by Swiss Engineering)

Alex Bieri, BME alumnus, University of Bern

Micromechanical Properties of Human Femoral Neck Compact Bone – Influence of Age and Anatomical Site

14.30 BME Club Awards (Alumni BME Master)

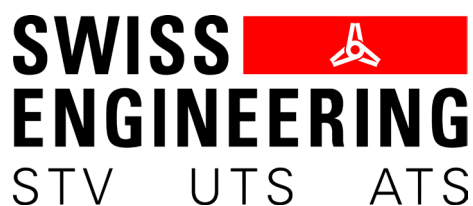
Best Master's Thesis Abstract (rank 1, 2 and 3)

14.40 Coffee Break / Visit Medtech Companies and Research Groups

15.00 Career Workshop / Essentials of a Successful Application

Career and Organizational Psychologist

16.00 End of BME Day



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Industrial and Research Exhibitors

FOYER - Companies

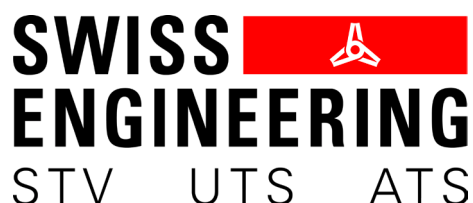
- 1 Haag-Streit AG
- 2 Ziemer Ophthalmic Systems AG
- 3 CSEM SA
- 4 Helbling Technik Bern AG
- 5 Johnson & Johnson
- 6 Cascination AG
- 14 Swiss m4m Center
- 15 Ypsomed AG

FOYER - Research Groups from the University of Bern

- 7 University of Bern, ARTORG Center, **Neuro Robotics**
- 8 University of Bern, ARTORG Center, **Organs-on-Chip Technologies**
- 9 University of Bern, ARTORG Center, **Computational Bioengineering**
- 10 University of Bern, ARTORG Center, **Medical Image Analysis**
- 11 University of Bern, ARTORG Center, **AI in Health and Nutrition**
- 12 University of Bern, ARTORG Center, **AI in Medical Imaging**
- 13 **MSc Artificial Intelligence / MSc Biomedical Engineering / MSc Precision Engineering**
- 13a **BME Club** (MSc students and alumni)

COURSE ROOM 1 - Research Groups from the University of Bern

- 16 University of Bern, ARTORG Center, **Cardiovascular Engineering**
- 17 University of Bern, ARTORG Center, **Urogenital Engineering**
- 18 University of Bern, ARTORG Center, **Hearing Research Laboratory**
- 19 University of Bern, ARTORG Center, **Musculoskeletal Biomechanics**
- 20 University of Bern, ARTORG Center, **Medical Sensing Lab**
- 21 University of Bern, ARTORG Center, **Acoustic Robotics Systems Lab**
- 22 University of Bern, ARTORG Center, **Gerontechnology and Rehabilitation**



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COURSE ROOM 1 (cont.) - Research Groups from the University of Bern

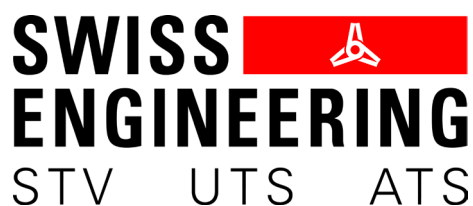
- 23-24** University of Bern, UDEM & Diabetes Center Berne, **Machine Learning in Medicine Lab, PrecisionLab, Sensing & Monitoring Lab**
- 25** University of Bern, DBMR, **Tissue and Mechanobiology**
- 26** University of Bern, **Support Center for Advanced Neuroimaging (SCAN) / HORA0 Research Group**

COURSE ROOM 2 - Research Groups from the Bern University of Applied Sciences

- 27** Bern University of Applied Sciences, Institute for Human Centered Engineering, **microLab**
- 28** Bern University of Applied Sciences, Institute for Human Centered Engineering, **microLab**
- 29** Bern University of Applied Sciences, Institute for Human Centered Engineering, **bmeLab**
- 30** Bern University of Applied Sciences, Institute for Human Centered Engineering, **bmeLab**

COURSE ROOM 3 - Research Groups from the Bern University of Applied Sciences

- 31** Bern University of Applied Sciences, Institute for Human Centered Engineering, **rehaLab**
- 32** Bern University of Applied Sciences, Institute for Human Centered Engineering, **roboticsLab**
- 33** Bern University of Applied Sciences, Institute for Human Centered Engineering, **optoLab**
- 34** Bern University of Applied Sciences, Institute for Human Centered Engineering, **sensorLab**



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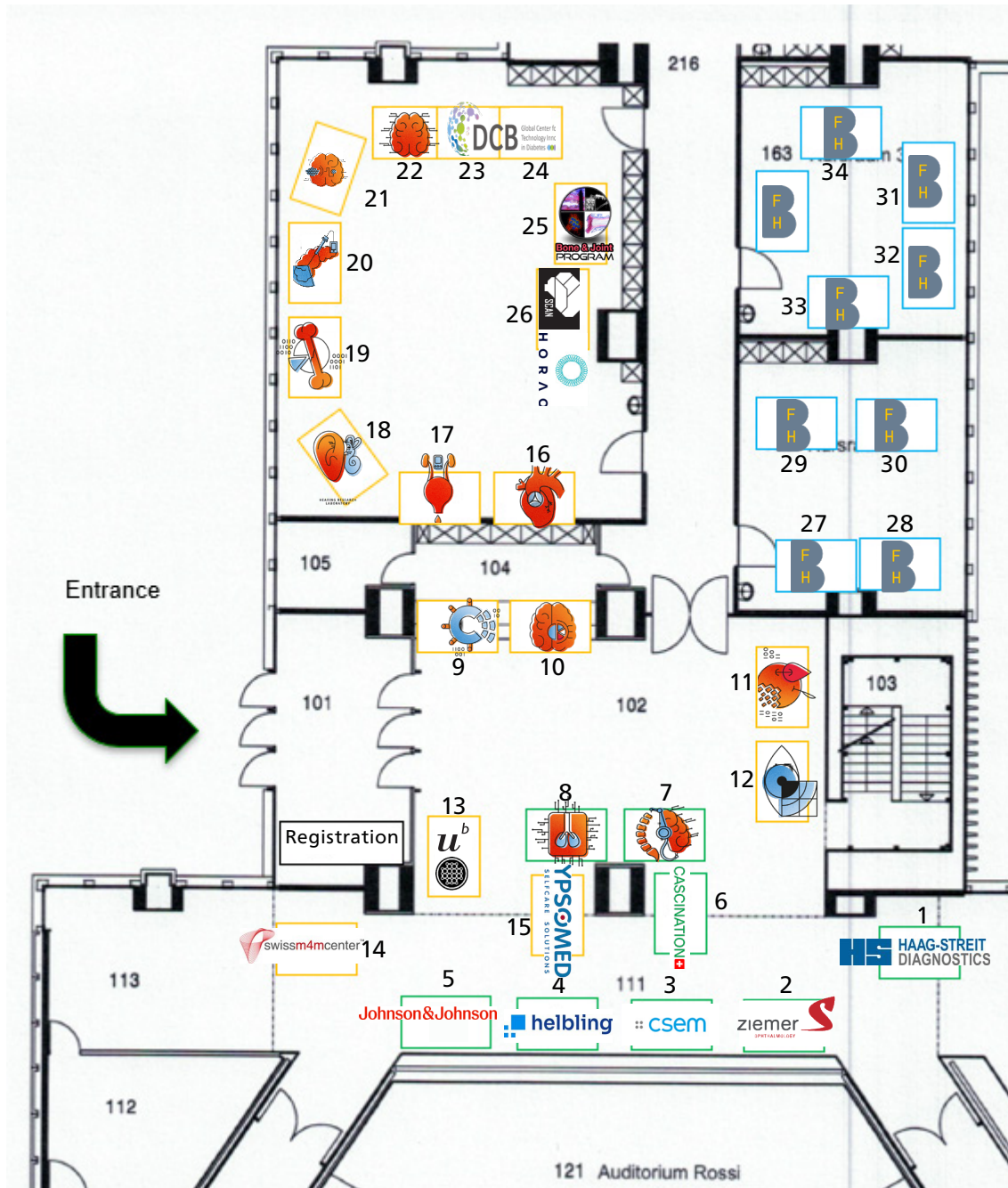
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Exhibition map



competence center for
medical technology
ccmt

**SWISS
ENGINEERING**
STV UTS ATS

 Biomedical
Engineering Club

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