



Biomedical Engineering Day

University of Bern
May 16, 2014
Bern, Inselspital
Auditorium Ettore Rossi

^b
**UNIVERSITÄT
BERN**

Master's Program
Biomedical Engineering

Final Program

- 9.30** **Welcome & Introduction**
Ch. Leumann, Vice-Rector for Research, University of Bern
H.-U. Simon, Dean for Research, Medical Faculty, University of Bern
H. Binggeli, Rector, Bern University of Applied Sciences
- 09.50** **Biomedical Engineering Research & Education – An Update**
Ph. Zysset, ISTB and Master of Science in Biomedical Engineering,
University of Bern
- 10.00** **Presentations of Medical Technology Companies (I)**
Designing for Life
E. de Haller, Nobel Biocare Services AG
Stryker Company Overview, Product Development Process and Case Study
R. Kebel, Stryker Trauma AG
Haag-Streit, tradition and innovation: transition from fine mechanics and optics to mechatronics, optics and sophisticated software solutions
Th. Beutler, Haag-Streit AG
Moderator: *Ph. Zysset*, ISTB and Master of Science in Biomedical Engineering, University of Bern
- 11.00** **Coffee Break**
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. The live broadcast will begin during this coffee break. Participants interested in the preparatory steps of the surgery are welcome to join.
- 11.45** **Live Surgery**
J. Beck, Department of Neurosurgery, University Hospital Bern (Inselspital)
Moderator: *Ch. Fung*, Department of Neurosurgery, University Hospital Bern (Inselspital)



Bern University
of Applied Sciences

www.bfh.ch



Swiss Institute for
Computer Assisted Surgery

www.si-cas.com



Biomedical
Engineering Club

www.bmeclub.ch



Swiss IEEE EMBS Chapter
www.biomedeng.org

www.biomedeng.org



- 12.30 Lunch**
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.
- 13.30 Presentation of Medical Technology Companies and Institutions (II)**
An Innovative Cooperative Human Vital Sign Sensor System
M. Lemay, CSEM SA
- 13.50** Sensogram – a Swiss StartUp in the Hot Market of Wearables
P. Roth, CCMT
- 14.10** Competence Centre TEDD - Tissue Engineering for Drug Development
U. Graf-Hausner, ZHAW

Moderator: **T. Nef**, ARTORG Center for Biomedical Engineering Research, University of Bern
- 14.30 Coffee Break**
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.
Prospective students may join an introductory session to the MSc in Biomedical Engineering.
- 15.15 Keynote Lecture**
Overview on Entrepreneurial activities in Switzerland
P. Comte, CTI Medtech
- 15.45 Award Presentations**
Best Master Thesis and PhD Awards (SICAS Foundation) and Best Poster Awards (BME Club)

Moderator: **M. Reyes**, ISTB, University of Bern
- 16.15 Closing Remarks & Adjourn**

Exhibitor & Sponsors:

BME Club	Haag-Streit
ZEISS	Nobel Biocare Services
CCMT	RMS Foundation
Congrex	SICAS Foundation
CSEM	Stryker Trauma

Further information and registration is available online: <http://bmeday.swiss-meeting.org/2014/>