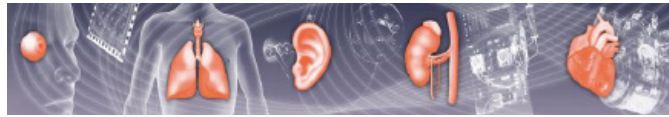
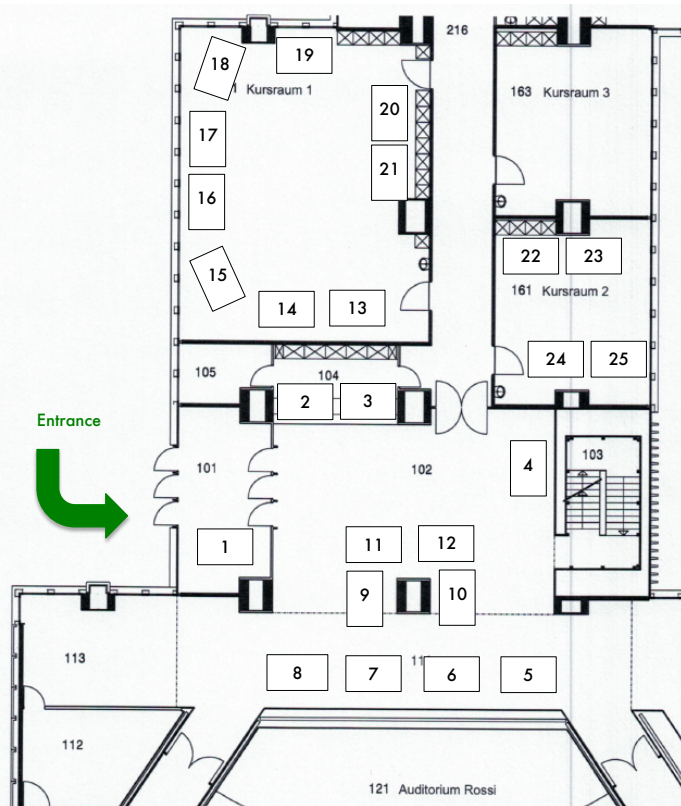




Industrial and Research Exhibition: Exhibitors' Plan



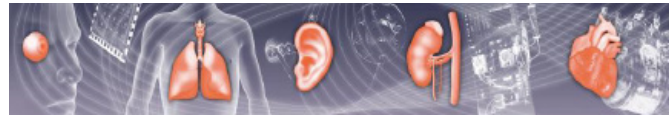
Industrial and Research Exhibition: Legend

- 1 Registration
- 2 University of Bern, ISTB, Computational Bioengineering
- 3 University of Bern, ISTB, Medical Image Analysis
- 4 Haag Streit AG
- 5 BME Master
- 6 BME Club (Alumni Association)
- 7 RMS Foundation
- 8 Depuy Synthes, Companies of Johnson & Johnson
- 9 Stryker GmbH
- 10 CASCination AG
- 11 University of Bern, ISTB, Tissue and Mechanobiology
- 12 Swiss Engineering
- 13 University of Bern, ARTORG Center, Diabetes Technology
- 14 University of Bern, ARTORG Center, Organs on Chip Technology
- 15 University of Bern, ARTORG Center, Artificial Hearing Research
- 16 University of Bern, ARTORG Center, Image-Guided Surgery
- 17 University of Bern, ARTORG Center, Ophthalmic Technology
- 18 University of Bern, ARTORG Center, Gerontechnology and Rehabilitation
- 19 University of Bern, ARTORG Center, Cardiovascular Engineering
- 20 University of Bern, ISTB, Information Processing in Medical Interventions
- 21 University of Bern, ISTB, Musculoskeletal Biomechanics
- 22 Bern University of Applied Sciences, Institute for Human Centered Engineering
- 23 Bern University of Applied Sciences, Institute for Human Centered Engineering
- 24 Bern University of Applied Sciences, Institute for Human Centered Engineering
- 25 Bern University of Applied Sciences, Institute for Human Centered Engineering

Biomedical Engineering Day 10th Anniversary



**May 4, 2018
Bern, Inselspital
Auditorium Ettore Rossi**

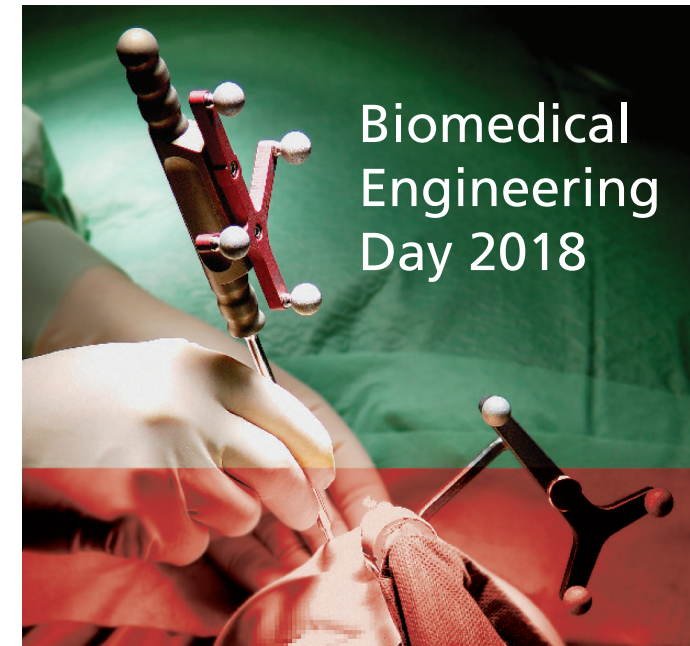


Final Program 10th Anniversary

- 09.00 Welcome & Introduction**
D. Candinas, Vice-Rector Research, University of Bern
L. Rohr, Director, Bern University of Applied Sciences-TI
S. Friess, President, Bern Economic Development Agency
- 09.20 Biomedical Engineering Research & Education – An Update**
Ph. Zysset, ISTB and Master of Science in Biomedical Engineering, University of Bern
- 09.30 Award Presentations**
 Best Master Thesis (Innovation 1 and 2) (Swiss Engineering)
 Best Master Thesis (Basic Science) (Swiss Engineering)
 Best PhD Award (SICAS Foundation)
- 10.30 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.
 The live broadcast will begin during this coffee break. Participants interested in the preparatory steps of the surgery are welcome to join.
- 11.15 Live Surgery**
M. Caversaccio, Department of ENT, Head & Neck Surgery, University Hospital Bern (Inselspital)
 Moderator: **G. Mantokoudis**, Department of ENT, Head & Neck Surgery, University Hospital Bern (Inselspital)
- 12.00 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.
- 13.00 R. Pittini**, Switzerland Innovation Park Biel/Bienne AG
Innovation projects at SIPBB
- 13.15 F.-M. Dahlweid**, CTO, Inselspital Bern
Has AI arrived in practice in medicine yet?
- 13.30 B. Pulver**, Regierungspräsident/Erziehungsdirektor, Erziehungsdirektion des Kantons Bern
Bedeutung des Medizinalbereiches für die Entwicklung des Standorts Bern

Pictures taken at the BME Day 2018 may be used for further publications of the BME master's program, the ARTORG Center or the ISTB, University of Bern, such as websites and annual reports. If you don't consent to the use of images showing you, please refer to the registration desk or inform us at bme@istb.unibe.ch.

- 13.45 Presentations of Medical Technology Companies (I)**
K. Mickail, Ziemer Ophthalmic Systems AG
Femtosecond pulses of light in your eyes
R. Kebel, Stryker GmbH
Company introduction and medical device development process @ Stryker, Trauma & Extremities
R. Paez, Depuy Synthes Companies of Johnson & Johnson
BME graduates and careers at DePuy Synthes: an ideal match
P. Willi, Nowak Engineering GmbH
Challenges and opportunities of zirconia dental implants: from a technical and clinical point of view
M. Peterhans, CAScination AG
Join CAScination to develop revolutionary medical products
- 15.00 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.
- 15.30 Keynote Lecture**
O. Ratib, Department of Radiology and Medical Informatics, University of Geneva
Imaging big data analytics in support of personalised medicine
- 16.00 Presentation of Medical Technology Companies (II)**
A. Lemkaddem, CSEM
The optical blood pressure monitoring technology (oBPMTM)
J. Nohava, Anton Paar Switzerland AG / Anton Paar TriTec SA
Stiffening of human corneal tissue after UVA crosslinking: an example of bioindentation study
A. Irastorza Landa, Nobel Biocare Services AG
From risks and requirements to mechanical safety and efficacy evidence
M. Stauber, GratXray AG
Accurate breast cancer imaging
- 17.00 BME Club Awards & Student Lottery**
 Best Poster Award (BME Club)
 Best Master Thesis Abstract (BME Club)
 Student Lottery
- 17.15 Closing Remarks & Adjourn**



Exhibitors and Sponsors

