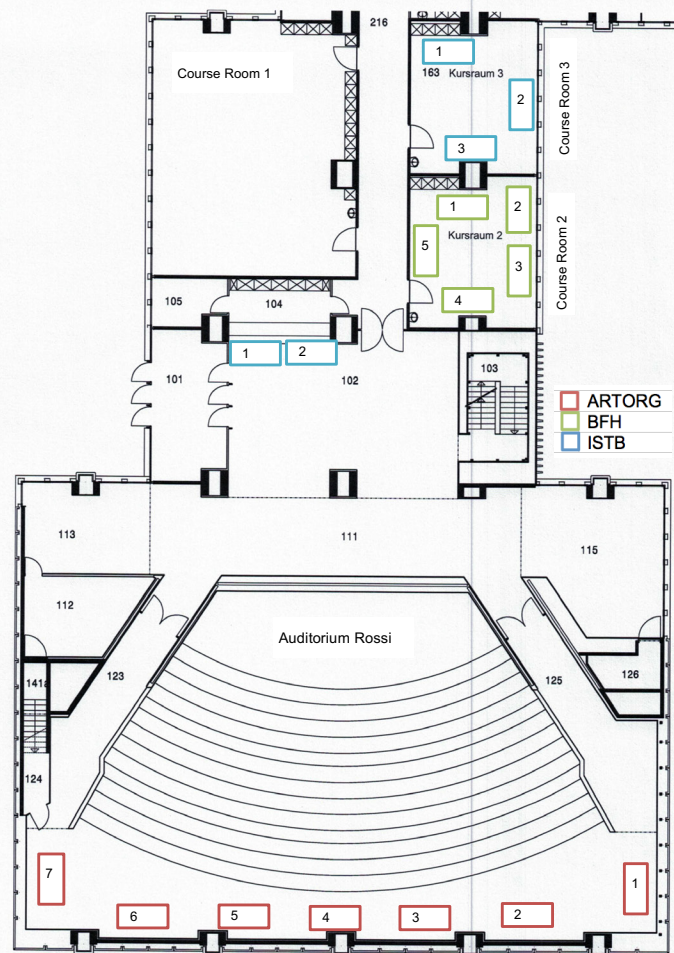


## Exhibitors' Plan: Research Exhibits



### Course Room 2

1-5 Bern University of Applied Sciences: Institute for Human Centered Engineering

### Course Room 3

- 1 University of Bern, ISTB, Medical Image Analysis
- 2 University of Bern, ISTB, Tissue and Mechanobiology
- 3 University of Bern, ISTB, Computational Bioengineering

### Foyer

- 1 University of Bern, ISTB, Information Processing in Medical Interventions
- 2 University of Bern, ISTB, Musculoskeletal Biomechanics

### Auditorium

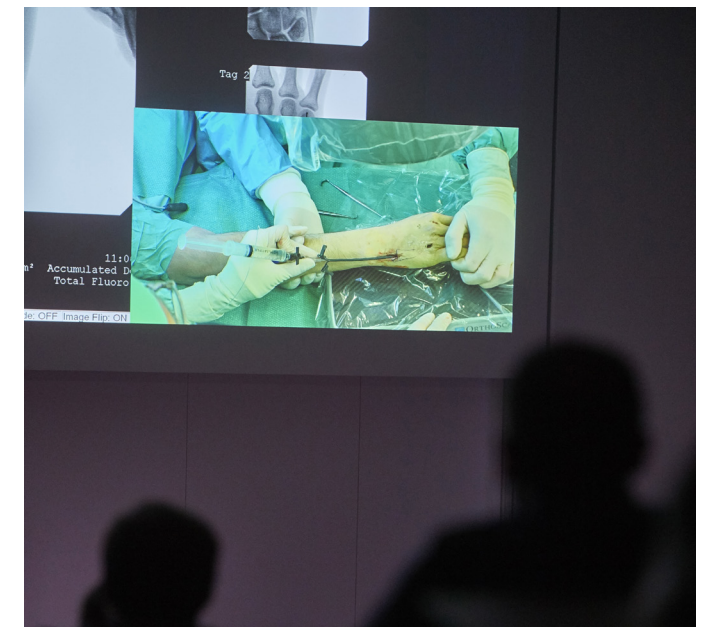
- 1 University of Bern, ARTORG Center, Image-Guided Surgery
- 2 University of Bern, ARTORG Center, Gerontechnology and Rehabilitation
- 3 University of Bern, ARTORG Center, Diabetes Technology
- 4 University of Bern, ARTORG Center, Artificial Hearing Research
- 5 University of Bern, ARTORG Center, Ophthalmic Technology
- 6 University of Bern, ARTORG Center, Organs on Chip Technologies
- 7 University of Bern, ARTORG Center, Cardiovascular Engineering



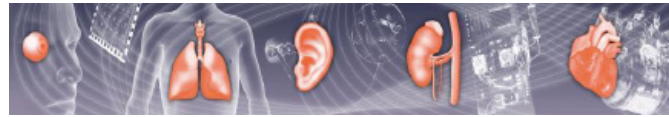
## Sponsors and Exhibitors



## Biomedical Engineering Day



May 19, 2017  
Bern, Inselspital  
Auditorium Ettore Rossi



## Final Program

- 09.00 Welcome & Introduction**  
H.-U. Simon, Dean of the Medical Faculty, University of Bern  
P. Brunner, Head of R&D, Bern University of Applied Sciences-TI
- 09.20 Presentations of Medical Technology Companies (I)**  
*Medical device development process @ Stryker, trauma & extremities*  
**R. Kebel**, Stryker GmbH  
*icotec Carbon/PEEK implants - Swiss Technology for Optimized Orthopaedic Imaging*  
**Th. Nydegger**, icotec AG  
*BME graduates and careers at DePuy Synthes: an ideal match*  
**Th. Steiner**, DePuy Synthes Companies of Johnson & Johnson
- 10.05 Biomedical Engineering Research & Education – An Update**  
**Ph. Zysset**, ISTB and Master of Science in Biomedical Engineering, University of Bern
- 10.15 Presentation of Medical Technology Companies (II)**  
*Laser-assisted Cataract and Refractive Eye Surgery*  
**Th. Asshauer**, Ziemer Ophthalmic Systems AG  
*Overview of several methods to address ongoing implant dentistry challenges regarding primary stability*  
**A. Irastorza Landa**, Nobel Biocare Services AG  
*From your research to a revolutionary medical product*  
**M. Matulic**, CASCination AG
- 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**  
**K. Ziebarth**, Department of Paediatric Surgery, University Hospital Bern (Inselspital)  
Moderator: **St. Berger**, Department of Paediatric Surgery, University Hospital Bern (Inselspital)

- 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 (III)**  
*Human vital signs monitoring*  
**M. Rapin**, CSEM  
*Bioindenter: story of a CTI project*  
**J. Nohava**, Anton Paar Switzerland AG
- 14.00 Keynote Lecture**  
*The long view - basic science aimed at helping patients*  
**J. Snedeker**, Institute for Biomechanics, ETH Zurich
- 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.
- 15.00 Presentation of IAESTE**  
*IAESTE Traineeship abroad*  
**J. Panyasantisuk**, IAESTE Bern
- 15.15 Award Presentations**  
Best Master Thesis and PhD Awards (SICAS Foundation) and Best Poster Awards (BME Club)
- 16.00 Student Lottery**
- 16.15 Closing Remarks & Adjourn**

*Pictures taken at the BME Day 2017 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](mailto:bme@istb.unibe.ch).*

## Exhibitors' Plan: Companies and Organizations



- |   |                              |
|---|------------------------------|
| 1 Haag-Streit AG  | 6 RMS Foundation             |
| 2 Rotomed AG  | 7 Stryker GmbH               |
| 3 SICAS (Swiss Institute for Computer Assisted Surgery) | 8 CASCination AG             |
| 4 IAESTE  | 9 Medartis AG                |
| 5 DePuy Synthes Companies of Johnson & Johnson          | 10 BME Club                  |
|   | 11 Registration / Master BME |