

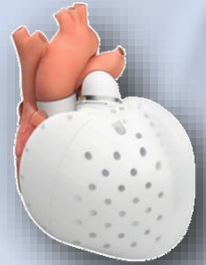
Research Symposium

Emerging Technologies for Failing Hearts

Felix-Frey-Auditorium, Sitem-Insel, Freiburgstrasse 3, 3010 Bern

19. February 2024, 14:00 – 17:30

Surgical treatment of heart failure has driven technological innovation for many decades. There is a well-established range of ventricular assist devices and pumps for acute and chronic settings, and heart transplantation profits from sophisticated supporting technology. Nevertheless, there still exist unmet clinical needs with respect to biocompatibility, usability and durability.



In this symposium, invited experts present emerging technology for failing hearts featuring novel actuation concepts, materials, heart graft support systems and the total implantable artificial heart CARMAT.

Speakers



Francesco Arcchi
CARMAT, Paris



Patrick Jenny
Institute of Fluid Dynamics, ETH Zurich



Matthias Siepe
Cardiac Surgery, Inselspital Bern



Dominik Obrist
ARTORG Center, University of Bern



Yves Perriard
Center for Artificial Muscles, EPF Lausanne