Mission – Innovation
Telematics, eHealth and High Definition Medicine in Patient-Centered Acute Medicine

For hundreds of years, observation, measurement and analysis have been applied in medicine. Paired with the enormous information technological progress of the last decades, this natural scientific approach continually generates “Big Data”. If evaluated properly, these data may be applied not only as evidence-based findings in acute medicine, such as guidelines or quality indicators, but also for individual High Definition Medicine.

What clinical, ethical and technical challenges will be faced by patients and healthcare providers in the coming years? How can new, innovative technologies be employed across sectors in the interests of the patients? What measures must be undertaken to promote good medicine?

Meet experts from telematics and e-health, patients, data protection officials, economists and politicians at the Leopoldina Symposium “Mission – Innovation” 2020.

Join us in discourse or take part in our poster award!
Registration: leopoldina-symposium.charite.de

How to find us

Venue
Kaiserin-Friedrich Haus, Robert-Koch-Platz 7, 10115 Berlin
Chair: Prof. Claudia Spies

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Endorsed by
Program

Friday, 28th of February 2020
Telematics and eHealth in Patient-Centered Acute Medicine

9.00 – 10.30
Opening and Registration

11.00 – 11.15
Opening
- Prof. Brigitte Vollmar, Representative Leopoldina
- Prof. Dr. Uwe Janssens, Representative DIVI
- Prof. Gernot Marx, Representative DGAI and German Society for Telemedicine
- Prof. Heyo Kroemer, Representative Charité – Universitätsmedizin Berlin

11.15 – 11.45
The Patient Perspective
Chair: Prof. Tanja Krones, tba
- A Patient’s Interview — Dr. Claudia Denke

11.45 – 13.15
German Innovation Fund Projects – Key Results
Chair: Prof. Martin Gersch, Prof. Holger Pfoff
- Enhanced Recovery after Intensive Care (ERIC)
  Charité – Universitätsmedizin Berlin — Dr. Björn Weiss
- TelNet@NRW RWTH Aachen — Prof. Gernot Marx
- Acute neurological care in northeastern Germany with telemedical support (ANNOTeM)
  Charité – Universitätsmedizin Berlin — Prof. Heinrich Audebert

13.15 – 14.00
Keynote Lecture Teleneonatology: Using Telemedicine to Support Newborn Emergencies.
Prof. Jennifer Fang

………………….. Lunch in the Living ICU 60’ ……………………..

15.00 – 16.30
Social Policy Dimensions
Chair: Prof. Jörg Sydow, Erik Bodendieck
- Political Perspective: What Changes are Needed? — Prof. Helge Braun
- AWMF: Is the Transformation of Evidence through Digitalization Possible? — Prof. Ina Kopp
- Quo vadis - Knowledge Management — Prof. Ulf Leser
- Data Protection as a Challenge — Prof. Christian Dierks

16:30 – 17:30
Round Table: Consolidation of Innovation Funds – Dream or Reality?
Moderation: Christina Berndt

………………….. Lunch in the Living ICU 60’ ……………………..

Saturday, 29th of February 2020
High Definition Medicine in Patient-Centered Acute Medicine

9.00 – 9.45
Keynote Lecture: What is High Definition Medicine?

9.45 – 10.45
Connected Healthcare – How Does it Benefit the Patient?
Chair: Prof. Felix Balzer, Prof. Daniel Fürstenau
- Monitoring Technologies — Prof. Felix Balzer
- Interoperability BIH — Prof. Sylvia Thun
- Platform: SmED — Dr. Dominik von Stillfried

………………….. Coffee Break 15’ ……………………..

11.00 – 12.00
Individualized Medicine – How Could it Work?
Chair: Prof. Reinhard Schneider, tba
- Translational Genomics — Prof. Peter Robinson
- fMRI Imaging and Neurocognitive Performance — Dr. Emmanuel Stamatakis
- Bioinformatic Prediction and Therapy Optimization by Artificial Intelligence in Hypotension — Prof. Daniel Chappell

………………….. Lunch in the Living ICU 60’ ……………………..

13.00 – 13.30
The patient’s perspective
Chair: Dr. Claudia Denke
- A Patient’s Interview

13.30 – 15.00
Patient-Centered Risk Reduction – Which Patient Does it Help?
Chair: Prof. Ursula Müller-Werden, Prof. Wolfgang Koppert
- Postoperative Delirium and Cognitive Trajectories — Prof. Claudia Spies
- Light Therapy for Prevention of ICU Delirium — Prof. Alawi Lütz
- Pain – Hopes for the Future — Prof. Anthony Dickenson
- Treating Frailty – New Opportunities — Prof. Ursula Müller-Werden

………………….. Lunch in the Living ICU 60’ ……………………..