

# 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](http://leopoldina-symposium.charite.de)

## How to find us



**Venue**  
Kaiserin-Friedrich Haus, Robert-Koch-Platz 7, 10115 Berlin



# Mission – Innovation

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

Leopoldina-Symposium 2020

February 28<sup>th</sup> & 29<sup>th</sup>, 2020  
Charité – Universitätsmedizin Berlin

## Venue

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

## Contact

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Endorsed by





## Program

### Friday, 28<sup>th</sup> 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 Pfaff

- 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 Tele neonatology: 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
- Who's Gonna Pay for That? Consistency and Cash Flow — Prof. Reinhard Busse

16:30 – 17:30

Round Table: Consolidation of Innovation Funds – Dream or Reality?

Moderation: Christina Berndt

..... Break in the Living ICU 30' .....

18:00 – 19.00

Poster Presentation

18:00 – 21.00

Meet the Experts and Get Together

20:00

Poster Price

### Saturday, 29<sup>th</sup> 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