

FROM 15TH JULY, TO 22ND JULY.

SUMMER SCHOOL

2019

Otto-von-Guericke University
Magdeburg, Germany



The IEEE EMBS Student Chapter, Magdeburg in association with INKA-Chair for Catheter Technologies and Image Guided Therapies presents the first Summer School for Exponential Technology based Innovation Generation. This year we focus on Deep Learning and Artificial Intelligence.

The course includes Biomedical Signal Processing, IT security, Ethics and how to use this knowledge to generate Sustainable, Innovative and Customer Centric solutions.

Each module will cover

- Introduction to the topic
- Hands-on sessions with real examples
- Tricks of the trade

Come, Join Us!

Module I: Biomedical Signal Processing

Requirements: Basics of Signal Processing
Matlab programming
Personal Laptop

Module II: Deep Learning

Requirements: Basics of programming (Matlab, Python, etc.)
Personal Laptop

Module III: Artificial Intelligence

Requirements: Basics of programming (Matlab, Python, etc.)
Personal Laptop

Module IV: IT Security and Ethics

Requirements: Basics of Health Information Security
Personal Laptop

Module V: Innovation Generation

Requirements: Basic knowledge of Value Proposition Canvas
Basic knowledge of innovation generation

Contact

holger.fritzsche@ovgu.de, elmer.gomesataide@ovgu.de

Webpage: <http://www.healthcare-innovation.de/index.php/summer-school-2019/>