DMEA Newcomer Award

**Award Ceremony**

**Date**
April 10, 2019

**Time**
14:30 - 16:00

**Location**
Stage A, Hall 1.2

Each year the best theses by bachelor and master candidates in the fields of medical IT, e-health, healthcare IT, healthcare management and healthcare economics are awarded the DMEA Young Professionals’ Prize and attractive financial rewards.

The authors of the five best bachelor's and master's theses will be presenting their topics to our panel of experts and the audience in five minute sessions.

The winners of the Young Professionals' Prize will be chosen on the basis of the papers and the preceding assessments by the panel. This process identifies the work that, in a particular way, provides practical approaches for achieving lasting improvements to healthcare through the use of information technology.

**The Finalists:**

**Categorie: Bachelor Thesis**

Myopie-Erkennung mittels Landolt-Sehtests unter Verwendung der VR-Technologie am Beispiel der Samsung Gear VR, Borislav Degenkolb

Generative Adversarial Networks for Automated Hippocampus Segmentation, Tanja Eichner

Mobiles Medikamentenmanagement, Tanja Nedovic & Neslihan Umeri-Sali

Transformation of Medical Diagnostics with Machine Learning by Considering the Example of Atrial Fibrillation Identification, Simone Schneider

Improvement of the layer adhesion of composite cardiac patches, Anne Zimmermann

**Categorie: Master Thesis**

Implementierung und Evaluation einer FHIR-interoperablen App für psychoonkologische Patienten, Helene Lenz-Heizenreder

Conception and Implementation of a Novel Mobile System for the Assessment of Movement Disorders, Stephan Niewöhner

Anwendung von künstlicher Intelligenz und Machine Learning in der Medizin: Eine ökonomische und medizininformatische Betrachtung, Arne Peine

Efficient Web-based Review for Automatic Segmentation Results of Volumetric DICOM Images, Tobias Stein

cBioPortal als Plattform für die translationale Forschung - Prototypische Einführung und Erweiterung, Philipp Unberath

**Tags**

Careers Award Ceremony DMEA Newcomer Award

**Contributors**

**Moderation:**

![Moderator Image]
**Prof. Bernhard Breil**, Professor, University of Applied Sciences Niederrhein, German Association for Medical Informatics, Biometry and Epidemiology (GMDS)

**Prof. Dr. Britta Böckmann**, Professor for Computer Science in Medicine, University of Applied Sciences ans Arts Dortmund