



The 5th YRA MedTech Symposium  
is jointly organized by

- the FH Aachen,
- the FH Lippstadt-Hamm,
- the Westfälische Hochschule
- the University of Duisburg-Essen
- the Hochschule Ruhr West

# YRA2026

**1st call for abstracts**

## *YRA – Young Researchers Academy MedTech in NRW*

Ph.D., Master and Bachelor students from universities and universities of applied sciences (FH) across NRW working in areas related to biomedical engineering are kindly invited to present their research or their thesis at the

## 5th YRA MedTech Symposium

September 17<sup>th</sup>-18<sup>th</sup> 2026 / FH Aachen

Gerling Pavillon  
FH Aachen / Campus Jülich

Heinrich-Mußmann-Str. 1  
52428 Jülich

[www.yra.fh-aachen.de](http://www.yra.fh-aachen.de)



FH AACHEN  
UNIVERSITY OF APPLIED SCIENCES



Prof. Dr. Ilya Digel  
Prof. Dr.-Ing. Manfred Staat



HOCHSCHULE  
HAMM-LIPPSTADT

Prof. Dr.-Ing. Jürgen Trzewik



Prof. Dr. sc. techn. Daniel Erni



Westfälische  
Hochschule

Prof. Dr. Waldemar Zylka



HOCHSCHULE RUHR WEST  
UNIVERSITY OF APPLIED SCIENCES

Prof. Dr. Carole Leguy

## Objectives of the Symposium

The symposium aims to:

- establish a scientific community among young MedTec researchers from universities and universities of applied sciences (FH) across NRW.
- provide an open and supportive platform for Bachelor's, Master's, and doctoral students to present their work in progress or completed theses in the field of (bio)medical engineering and related disciplines, including...
  - Biomechanics, Implants, Smart Implants, and 3D Bioprinting
  - Biofluid Mechanics, Microfluidics, and Lab-on-a-Chip Systems
  - Bioanalytics, Biosensors, and Wearable Health Technologies
  - Medical Imaging and Medical Physics
  - Biomedical Data Science, AI in Healthcare, and High-Performance Computing
  - Digital Health, Telemedicine, and Data-Driven Healthcare Systems
  - Rehabilitation Technologies, Medical Device Regulations and much more...

## Paper Submission

- You are kindly invited to submit a one-page abstract (maximum two pages) in Word or PDF format until **July 10<sup>th</sup>, 2026** to: **yra@fh-aachen.de** (a prior announcement of participation is welcomed).
- Format: Please use the corresponding MSWord template that is provided on the YRA MedTech website <https://www.yra.fh-aachen.de>.
- Submission of abstracts implies the consent of all (co-authors for publication

**Contact:** Dipl.-Ing. Peter Kayser  
[yra@fh-aachen.de](mailto:yra@fh-aachen.de)

