



Dear colleagues,

We are pleased to share with you the programme for the 3rd AI4Imaging Summer School (formerly: AI in Radiology), which will take place in September 2026 under the theme Artificial Intelligence in Imaging.

The Summer School brings together early-career researchers from medicine, computer science, engineering, and related disciplines to explore current developments at the interface of artificial intelligence and medical imaging. Through a combination of expert lectures, discussions, an industry panel and a joined hackaton, the programme aims to foster interdisciplinary exchange and support the development of innovative research ideas.

Join colleagues and leading experts to exchange experiences and discuss future directions in this rapidly evolving field. Please mark your calendar – further details will follow.

We look forward to welcoming you in 2026.

Sincerely,

Ulrike Attenberger and Georg Langs

Jointly organised by the
Department of Biomedical Imaging
and Image guided Therapy and The Comprehensive
Center for Artificial Intelligence in Medicine,
MedUni Vienna/University Hospital Vienna

7th - 11th September, 2026

Summer School AI4Imaging

Josephinum, Währinger Straße 25,
1090 Vienna

Conference languages:
German and English

[radiologie-nuklearmedizin.meduniwien.ac.at/
ai4imaging](http://radiologie-nuklearmedizin.meduniwien.ac.at/ai4imaging)

**DEPARTMENT OF BIOMEDICAL IMAGING
AND IMAGE-GUIDED THERAPY**



Speakers

Ulrike Attenberger

Department of Biomedical Imaging and Image-Guided Therapy, MedUni Vienna/University Hospital Vienna, Austria

Paola Clauser

Department of Biomedical Imaging and Image-Guided Therapy, Division of General and Paediatric Radiology, MedUni Vienna/University Hospital Vienna, Austria

Mirjam Gehrwing

University Institute for Diagnostic and Interventional Radiology, Klinikum Lippe, Germany

Ben Glocker

Department Infrastructure, Machine Learning for Imaging, Kheiron/RAEng Research, Chair in Safe Deployment of Medical Imaging AI, Department of Computing, Imperial College London, UK

Horst Hahn

Digital Medicine, University of Bremen, Fraunhofer MEVIS, Germany

Anja Hennemuth

Institute of Cardiovascular Computational Medicine, Charité - Universitätsmedizin Berlin; Fraunhofer Institute for Digital Medicine MEVIS, Bremen; Faculty of Computer Science and Electrical Engineering, Technical University Berlin, Germany

Gregor Kasprian

Department of Biomedical Imaging and Image-Guided Therapy, Division of Neuroradiology and Musculoskeletal Radiology, MedUni Vienna/University Hospital Vienna, Austria

Georg Langs

Department of Biomedical Imaging and Image-Guided Therapy, MedUni Vienna/University Hospital Vienna, Comprehensive Center for Artificial Intelligence in Medicine, MedUni Vienna, Austria

Björn Menze

Biomedical Image Analysis and Machine Learning, University of Zurich, Switzerland

Chris van Run

Grand Challenge, Diagnostic Image Analysis Group, Radboudumc, The Netherlands

Daniel Pinto dos Santos

University Medical Center Mainz, Division for AI and Medical Imaging Data Science, Germany

Veronika Schöpf

Interdisciplinary Transformation University, Linz, Austria

Laura Stappert

Deutsche Forschungsgemeinschaft, Bonn, Germany

Martin-Michael Uggowitzer

Institute for Radiology and Nuclear Medicine, Central X-Ray Institute, LKH Hochsteiermark, Austrian Radiology Society, Leoben, Austria

Gerling Widmann

Department of Radiology, Tirol Kliniken GmbH, Medical University Innsbruck, Austria

Song Xue

Department of Biomedical Imaging and Image-Guided Therapy, Division of Nuclear Medicine, MedUni Vienna/University Hospital Vienna, Austria

Scientific Organisation

Ulrike Attenberger, Georg Langs

Department of Biomedical Imaging and Image-Guided Therapy, MedUni Vienna/University Hospital Vienna, Austria

Hackathon

Georg Langs, Philipp Seeböck, Christoph Fürböck, Roxane Licandro

Department of Biomedical Imaging and Image-Guided Therapy, MedUni Vienna/University Hospital Vienna, Austria

Coordinating Team

Maria Leitner, Esther Schlamme, Felix Merlin König, Daria Kifjak, Ehsan Safai Zadeh

Conference languages: German and English

Monday, 7th September 2026

8.00 – 9.00 am

Welcome and Round of Introductions

9.00 – 10.00 am

Introductory Lecture

Role of AI in Medical Imaging – From Promise to Practice

Daniel Pinto dos Santos

10.00 – 10.30 am

Coffee Break

10.30 – 11.30 am

Mathematical Basics of Machine Learning and Model Optimization

Georg Langs

11.30 am – 12.30 pm

How to Review an AI Paper – The Editors' Perspective

Paola Clauser

12.30 – 1.30 pm

Lunch

1.30 – 2.00 pm

CIR Team: Introduction to the Hackathon

2.00 – 3.00 pm

Hackathon 1

3.00 – 4.00 pm

Coffee Break

4.00 – 7.00 pm

Hack in the Evening

Tuesday, 8th September 2026

8.30 – 9.30 am

Lessons from the Leaderboard: Evaluating Medical Imaging AI at Scale

Chris van Run

9.30 – 10.30 am

Remote Radiology

Martin-Michael Uggowitzer

10.30 – 11.00 am

Coffee Break

11.00 am – 1.00 pm

Hackathon 2

1.00 – 2.00 pm

Lunch

2.00 – 3.00 pm

Artificial Intelligence in Nuclear Medicine

Song Xue

3.00 – 4.00 pm

Coffee Break

4.00 – 7.00 pm

Hack in the Evening

Wednesday, 9th September 2026

8.30 – 10.30 am

Hackathon 3

10.30 – 11.00 am

Coffee Break

11.00 am – 12.00 pm
Open Research Datasets
Bjoern Menze

12.00 – 1.00 pm
Lunch

1.00 – 2.00 pm
Collaborative AI Research – Federated or Centralized
Horst Hahn

2.00 – 7.00 pm
Excursion

Thursday, 10th September 2026

8.30 – 9.30 am
Medicine and AI – How the Future might look like
Anja Hennemuth

9.30 – 10.30 am
How to build a Research Network
Miriam Gehrwig

10.30 – 11.00 am
Coffee Break

11.00 am – 12.00 pm
Large Language Models – Technical Basics and Impact on Patient Care

12.00 – 1.00 pm
Lunch

1.00 – 2.00 pm
Inside the Strategy of Creating a University
Veronika Schöpf

2.00 – 3.00 pm
AI in Neuroimaging
Gregor Kasprian

3.00 – 5.00 pm
Coffee Break

5.00 – 6.30 pm
Public Lecture and Industry Panel
Ben Glocker

Friday, 11th September 2026

8.00 – 9.00 am
Securing DFG Funding and Designing a Research Proposal (online)
Laura Stappert

9.00 – 11.30 am
Hackathon 4 – Final Presentations

11.30 am – 12.30 pm
Karrierewege
Gerling Widmann

12.30 – 1.00 pm
Wrap-Up and Farewell

1.00 am – 2.00 pm
Lunch

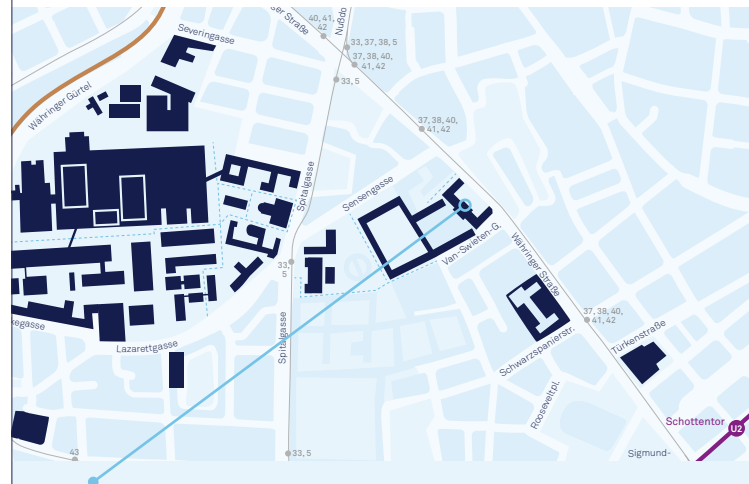
With the kind support



Please register at



Information by
summerschoolAI4Imaging@meduniwien.ac.at
[radiologie-nuklearmedizin.meduniwien.ac.at/
ai4imaging](http://radiologie-nuklearmedizin.meduniwien.ac.at/ai4imaging)



Josephinum MedUni Vienna
Währinger Straße 25, 1090 Vienna

Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.