



Seminar: Deep Learning for Inverse Problems in Medical Imaging (IN2107)

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Meet the Team



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Chair for Computational Imaging and AI in Medicine



Chair of Artificial Intelligence in Healthcare and Medicine



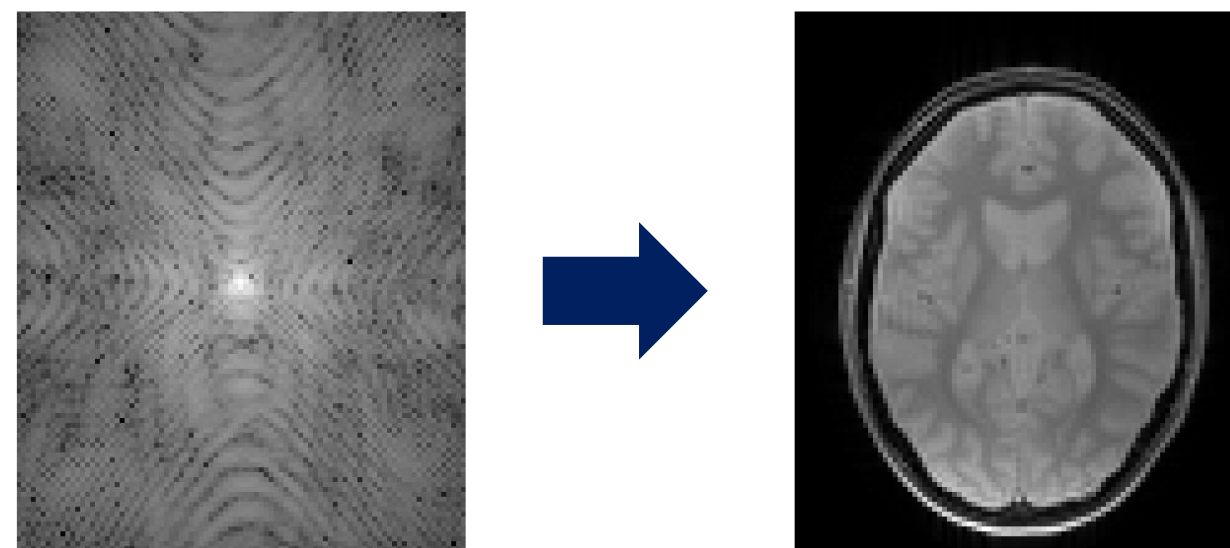
Inverse Problems in Medical Imaging

$$y = Ax + n$$

MRI, CT, PET
Reconstruction &
Artefact Correction

Recent research
directions

Emerging trends &
Clinical applications



Course Objectives

- **Understand**
 - What are inverse problems in medical imaging?
 - How can they be solved with deep learning?
 - What are recent research directions?
- **Learn**
 - How to read, analyze and discuss a research paper
 - How to present a complex research topic to a broad audience
 - How to design and present a research poster
- **Participants need to**
 - Present a paper
 - Present a poster in a poster session at the end of the semester
 - Actively participate in the discussions
- **Evaluation**
 - Attendance
 - Presentation and poster
 - Active participation in discussions

Registration

- Matching system:

Or

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