# Masterseminar Summerterm 2024

In two rooms:
**Session A**: FR 21.06.2024 09:00-14:45 Ort: **Seminarraum 2**, Währinger Straße 29 1.UG
**Session B**: FR 21.06.2024 09.00-14.45 Ort: **Seminarraum 3**, Währinger Straße 29 1.UG


Session A1: 9:00-10:20 SR 2
Chair: Uwe Zdun

- 09:00: Keti Hysi
    - Supervisor: Werner Winiwarter
    - Topic: NLP Toolkit for Albanian Language

- 09:20: Francesco Urdih
    - Supervisor: Uwe Zdun, 2nd: Evangelos Ntentos
    - Topic: Pipeline Quality Insight as a Service Concept for Pattern Recognition and Quality Assessment in MLOps Systems

- 09:40: Matthias Fritz
    - Supervisor: Siegfried Benkner
    - Topic: Supporting Resource-Aware Scheduling of Serverless Workloads in Heterogeneous Clusters

- 10:00: David Philipp Reichert
    - Supervisor: Edgar Weippl
    - Topic: Leveraging Large Language Models for Automated Spear Phishing Attacks


Session A2: 10:30-11:50 SR 2
Chair: Peter Reichl

- 10:30: Dijana Odobasic
    - Supervisor: Edgar Weippl
    - Topic: Methods for Decentralization in Self-Sovereign Identity

- 10:50: Hoda Kermani
    - Supervisor: Peter Reichl
    - Topic: Design and Implementation of an Instance Recommender System for New Users of the Mastodon Network

- 11:10: Stefanie Kogler
    - Supervisor: Peter Reichl, 2nd: Paul Fuxjäger
    - Topic: Analysing the factors of growth and sustainability of the Mastodon network

- 11:30: Markus Zimmball
    - Supervisor: Yllka Velaj
    - Topic: Finding cycles efficiently in massively interconnected graphs

Session A3: 13:00-14:40 SR 2
Chair: Kathrin Hanauer

- 13:00: Johannes Pascal Urban
    - Supervisor: Nils Kriege
    - Topic: Permutation tree invariant graph neural networks and applications to molecular graphs with stereochemistry

- 13:20: Elisabeth Nagel
    - Supervisor: Nils Kriege
    - Topic: Explainability of Graph Neural Networks - Survey Paper

- 13:40: Tobias Prisching
    - Supervisor: Kathrin Hanauer
    - Topic: Heuristic Algorithms for the One-sided Crossing Minimization Problem

- 14:00: Borui Chen
    - Supervisor: Kathrin Hanauer
    - Topic: Subgraph Counting and Enumeration Algorithm in Dynamic Graph

Session B1: 09:00-10:20 SR 3
Chair: Sebastian Tschiatschek

- 09:00: Nikolina Dukic
    - Supervisor: Helmut Hlavacs
    - Topic: Outpatient Scrap Book Application

- 09:20: Nora Volina
    - Supervisor: Helmut Hlavacs
    - Topic: Enhancing Programming Learnability for Children Through Video Games

- 09:40: Jonas Michael Speiser
    - Supervisor: Sebastian Tschiatschek
    - Topic: Charging Recommendation for Electric Vehicles using Reinforcement Learning

- 10:00 Tamás Molnár
    - Supervisor: Peter Reichl, 2nd: Florian Güldenpfennig
    - Topic: AAC Communicator with Music Therapy functionalities, involving E-Ink display(s)

Session B2: 10:30-11:50 SR 3
Chair:

- 10:30: Lavinia-Elena Lehaci
    - Supervisor: Helmut Hlavacs
    - Topic: Vienna Game AI Library: A C++ framework for developing 2D Real-Time Strategy games

- 10:50: Elis Seiti
    - Supervisor: Helmut Hlavacs
    - Topic: Fluid simulations using deep learning for game engines

- 11:10: Albert Sakhapov
    - Supervisor: Helmut Hlavacs
    - Topic: Algorithm to Code

- 11:30: Sebastian Knippschild
    - Supervisor: Wolfgang Klas
    - Topic: A Survey on Object Detection and Analyzing Humans in Images

Session B3: 13:00-14:20 SR 3
Chair: Christian Böhm

- 13:00: Michael Watholowitsch
  - o Supervisor: Sebastian Tschiatschek
  - o Topic: Deep Causal Structure Learning

- 13:20: Ekaterina Kuznetsova
  - o Supervisor: Anna Beer
  - o Topic: A Unified Perception of Density for Clustering

- 13:40: Suzana Marsela
  - o Supervisor: Katerina Schindlerova
  - o Topic: Bivariate causality in location scale noise models

- 14:00: Stefan Kamenica
  - Supervisor: Christian Böhm
  - Topic: Intelligent Sports Analytics: Comparative Analysis of AI Methods for Building a Prediction Platform