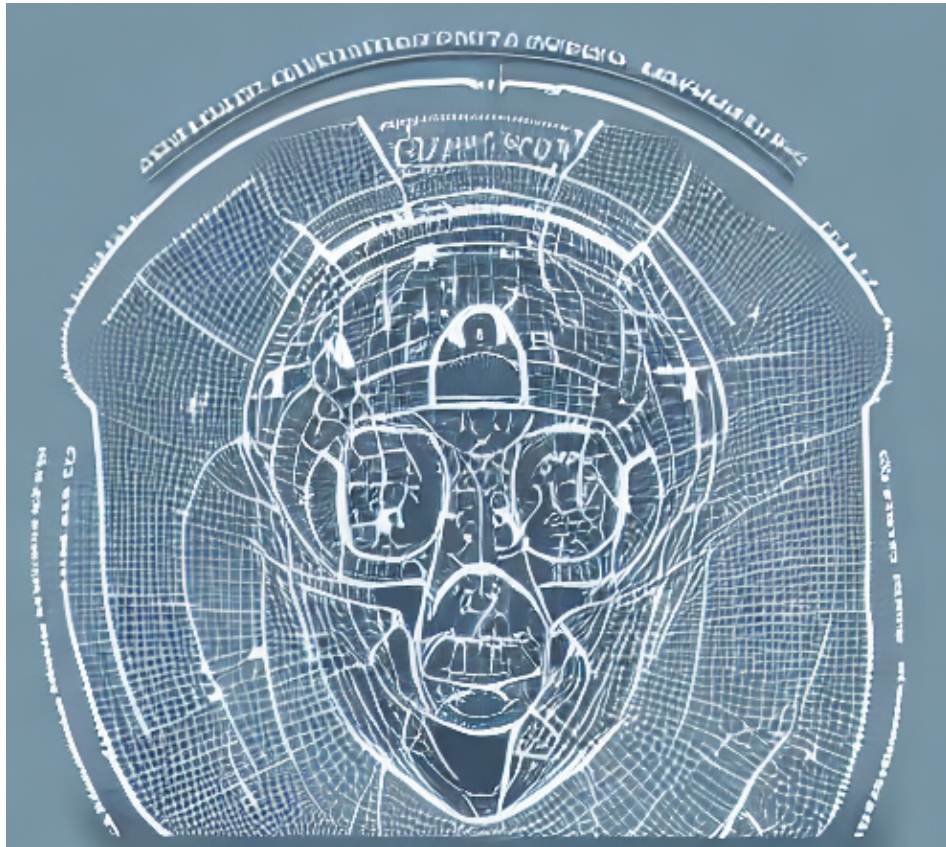


ÖAW AI Winter School 2023



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday 23 January 2023 09:00 (10 minutes)

Presenter: WALTENBERGER, Wolfgang (Austrian Academy of Sciences (AT))

Contribution ID: 2

Type: **not specified**

Closing

Friday 27 January 2023 12:50 (10 minutes)

Presenter: WALTENBERGER, Wolfgang (Austrian Academy of Sciences (AT))

Contribution ID: 3

Type: **not specified**

Introduction, NLP and deep learning

Monday 23 January 2023 09:10 (1h 20m)

Presenter: WALKOWIAK, Tomasz

Contribution ID: 4

Type: **not specified**

Introduction, Deep Learning and Natural Sciences

Monday 23 January 2023 11:00 (1h 30m)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: 5

Type: **not specified**

Exercises

Monday 23 January 2023 16:00 (2 hours)

Presenter: WALKOWIAK, Tomasz

Contribution ID: 6

Type: **not specified**

Unsupervised methods

Tuesday 24 January 2023 09:00 (1h 30m)

Presenter: KASIECZKA, Gregor (Hamburg University (DE))

Contribution ID: 7

Type: **not specified**

Multidimensional Scaling, Data Visualization, and Explainable AI

Tuesday 24 January 2023 11:00 (1h 30m)

Presenters: GNIEWKOWSKI, Mateusz; WALKOWIAK, Tomasz

Contribution ID: 8

Type: **not specified**

Exercises - Normalizing Flows

Tuesday 24 January 2023 14:00 (2 hours)

Presenter: SOMMERHALDER, Manuel (Hamburg University (DE))

Contribution ID: 9

Type: **not specified**

Exercises

Wednesday 25 January 2023 14:00 (2 hours)

<https://github.com/CDL-RecSys/oeaw-ai-winter-school-2023>

Presenters: NEIDHARDT, Julia; SERTKAN, Meta; KOLB, Thomas

Contribution ID: **10**

Type: **not specified**

Sentiment Analysis

Wednesday 25 January 2023 09:00 (1h 30m)

25 min Overview of Application of NLP in Recommender Systems and other areas + short introduction to Digital Humanism

45 min Sentiment Analysis

20 min Emotion Detection

Presenters: NEIDHARDT, Julia; SERTKAN, Mete; KOLB, Thomas

Contribution ID: 11

Type: **not specified**

Toxicity, and Populism

Wednesday 25 January 2023 11:00 (1h 30m)

25 min Emotion Detection

25 min Psychological perspective

15 min Toxicity Detection

25 min Populism Detection

Presenters: WAGNE, Ahmadou; NALIS, Irina; NEIDHARDT, Julia

Contribution ID: 12

Type: **not specified**

Differentiable Programming

Thursday 26 January 2023 09:00 (1h 30m)

Presenter: HEINRICH, Lukas Alexander (Technische Universität München (DE))

Contribution ID: 13

Type: **not specified**

Simulation Based Inference

Thursday 26 January 2023 11:00 (1h 30m)

Presenter: HEINRICH, Lukas Alexander (Max Planck Society (DE))

Contribution ID: 14

Type: **not specified**

Exercises

Thursday 26 January 2023 14:00 (2 hours)

Presenter: HEINRICH, Lukas Alexander (Max Planck Society (DE))

Contribution ID: 15

Type: **not specified**

Exercises

Friday 27 January 2023 09:30 (1h 30m)

Presenter: WALKOWIAK, Tomasz

Contribution ID: 16

Type: **not specified**

Exercises - Model-Agnostic Explanation Techniques

Friday 27 January 2023 11:30 (1h 20m)

Presenter: GNIEWKOWSKI, Mateusz

Contribution ID: 17

Type: **not specified**

Natural Language Processing

Monday 23 January 2023 14:00 (1h 30m)

Presenter: WALKOWIAK, Tomasz

Contribution ID: **18**

Type: **not specified**

Hackathon

Contribution ID: **19**

Type: **not specified**

Welcome Reception

Contribution ID: 20

Type: **not specified**

Exercises - Anomaly Detection

Tuesday 24 January 2023 16:30 (1h 30m)

Presenter: SOMMERHALDER, Manuel (Hamburg University (DE))

Contribution ID: 21

Type: **not specified**

Exercises

Wednesday 25 January 2023 16:30 (1h 30m)

Presenters: WAGNE, Adhmadou; NALIS, Irina; NEIDHARDT, Julia

Contribution ID: 22

Type: **not specified**

Exercises

Thursday 26 January 2023 16:30 (1h 30m)

Presenter: HEINRICH, Lukas Alexander (Max Planck Society (DE))

Contribution ID: 23

Type: **not specified**

Registration

Monday 23 January 2023 08:30 (30 minutes)

Presenter: DE MONTE, Brigitte