



# Machine Learning at the Austrian Academy of Sciences

## MLA2S

— What this is all about —

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Austrian Academy of Sciences (OeAW)

September 2nd, 2024

# Machine Learning at the Austrian Academy of Sciences — MLA2S

... to serve as a catalyst for inter-institutional collaboration, concerning the use and development of machine learning for the sciences, at the OeAW and beyond.

Stay in touch and connect:

- via email: <https://lists.oeaw.ac.at/mailman/listinfo/mla2s>  
– or – send email with subject “subscribe” to [mla2s-request@lists.oeaw.ac.at](mailto:mla2s-request@lists.oeaw.ac.at)
- via our website: <https://www.oeaw.ac.at/mla2s/>
- via X/Twitter: @mla2s\_oeaw #MLA2S

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Coordinating Institutes:



Institutions that already got in touch (but we are open for everyone!):



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MLA2S is funded for 2024-2026 with a total budget of 150,000€.

We want to use these funds for

- Networking Seminars: Make it (net)work!
- Doctoral Schools on ML topics
- (Co-)sponsoring workshops / conferences
  - ▶ Scientific workshops (organized by MLA2S)
  - ▶ Sponsoring and co-organization of your workshops / conferences on ML topics that connect institutes
- **Your idea! (More on that in a minute)**

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## Networking Seminars: Make it (net)work!

**When?** Once every 2 months. 5× in Vienna, 1× in Graz

**First event: Right now!**

**What?** 1pm – 3pm: HEPHY and ARI introduce themselves and their (ML) research  
from 3pm: Open Discussion and Hang-Out

3:05pm – 3:30pm: Short ARI Lab Tour (parallel)

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Networking Seminars: Make it (net)work!

**When? Next event: December 2nd, 2024**

**Time tbd**

**Where?** Space Research Institute (Institut für Weltraumforschung [IWF]), Graz

**What?** IWF introduce themselves and their (ML) research

**Your institute can have the second slot**

Afterwards: Open Discussion and Hang-Out

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## Upcoming Events

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## Do's and Don'ts of ChatGPT

**When?** October 31st, 2024, 1pm – 4pm

**Where?** Postsparkasse, Seminar Room 8, 5th Floor

**What?** Seminar + Hands-On Session (90 min + 90 min)

**Speaker:** Dr. Mathieu Gravey (IGF)



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## Doctoral School

**When?** January 20th to 24th, 2025

**Where?** Campus Akademie, Bäckerstraße, 1010 Vienna

**What?** Lectures on advanced architectures (graph networks, transformers, ...)

Introductory and specialized summer schools planned for the future.

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## Hackathon “Intermediality and Computational Humanities”

**When?** November 14th to 15th, 2024

**Where?** Alte Kapelle/Aula am Campus (University of Vienna)

**What?** Explore current challenges and solutions related to the analysis of texts, images, and multimodal sources (*in work groups*).

Keynotes by *Thomas Smits and Melvin Wevers (University of Amsterdam)*  
and *Matteo Valleriani (Max Planck Institute for the History of Science, TU Berlin, Tel Aviv University)*

**Organization** Michaela Vignoli (AIT), Doris Gruber (IHB), University of Vienna,  
Sponsoring and co-organization by MLA2S

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## Conference “GSK meets AI”

**When?** June 23rd to 25th, 2025

**Where?** Festive Hall of the Academy, Dr.-Ignaz-Seipel-Platz, 1010 Vienna

**What?** Talks by local and external speakers to foster collaboration on AI topics between various GSK institutes of the OeAW.

**Organization** Alexandra N. Lenz (ACDH-CH), Matthias Karmasin (CMC), Barbara Horejs (ÖAI), Claudia Rapp (IMAFO), Marc Luy (VID), MLA2S representatives

GSK: Geistes-, Sozial-, & Kulturwissenschaften — Humanities, Social, and Cultural sciences

## Machine Learning at the Austrian Academy of Sciences — MLA2S

You want to organize some Machine Learning event involving researchers at the OeAW? **Talk to us!**

We can offer:

- organizational help
- financial assistance
- possibly scientific advice (depends on the topic, obviously)

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And off we go!



Next Up: Introduction to machine learning @ HEPHY

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