

Vienna



Middle European
interdisciplinary
master's programme in
Cognitive Science





Neues Institutsgebäude (NIG)

Mobility Semester at University of Vienna

Winter Semester 2025/2026

Courses

New Trends in Cognitive Science (obligatory for all incoming students)

- **New Trends in Cognitive Science Seminar** (6 ECTS)
 - WS 2024: Predictive Processing and Active Inference
 - Ronald Sladky, Katja Hellekes

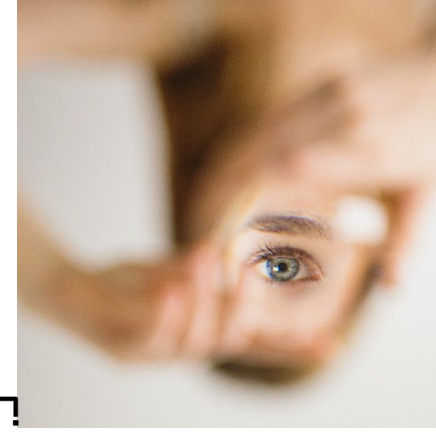
- **Journal Club** (4 ECTS)
 - WS 2024: MEi:CogSci Journal Club - Causal inference in cognitive neuroscience (neuroimaging and stimulation)
 - Martin Tik

Other MEi:CogSci courses (WS 2024)

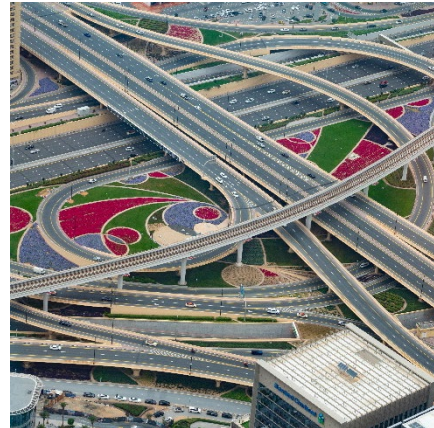
Creativity and Happiness



Models of Personality and Emotions



MEi:
Cog
Sci



Systems thinking
and interdisciplinarity
for tackling wicked problems

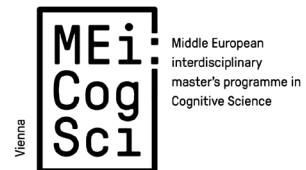


fMRI

Find them at the [Schedule of Courses for the Mobility Semester](#)

An open door to an extensive catalogue of courses in English

at the University of Vienna and the Medical University of Vienna



Link to the courses:

[Winter Semester 2024 \(Uni Wien\)](#)

[Winter Semester 2024 \(MedUni Wien\)](#)

Projects

CogSci Research in Vienna



Supervision at:

- University of Vienna (UniWien)



- Austrian Institute of Technology (AIT)
 - Austrian Research Institute for Artificial Intelligence (OFAI)
 - Central European University (CEU) in Vienna
 - Danube University Krems
 - Johannes Kepler Universität Linz (JKU) in Vienna
 - Konrad Lorenz Institut (KLI)
 - Medical University of Vienna (MUW)
 - Technical University Vienna (TU)
 - University of Applied Sciences BFI Vienna (FH)
 - University of Veterinary Medicine Vienna (UVM)
 - Vienna University of Economics and Business (WU)
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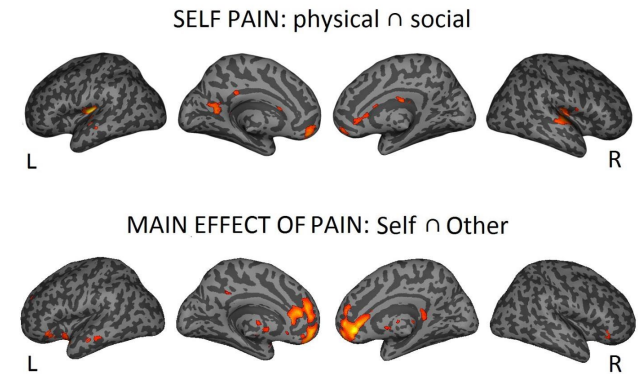
Department of Philosophy – University of Vienna

- Knowledge creation – Markus Peschl & OCKO research group ([link](#))
 - Knowledge management
 - Innovation
 - Design thinking
- Philosophy of technology – Mark Coeckelbergh



Faculty of Psychology

- Cognitive aesthetics, EVALab ([web](#)) – Helmut Leder, Matthew Pelowski
- Social neuroscience, SCAN-Unit ([web](#)) – Claus Lamm,
 - Empathy, Neurobiology of social decision making
- Clinical Social Neuroscience ([web](#)) – Giorgia Silani
- Neurofeedback – Frank Scharnowski
- Predictive processing, Bayesian brain – Ronald Sladky
- (Visual) Attention – Ulrich Ansorge
- Developmental psychology – Stefanie Höhl



Department of Computer Science

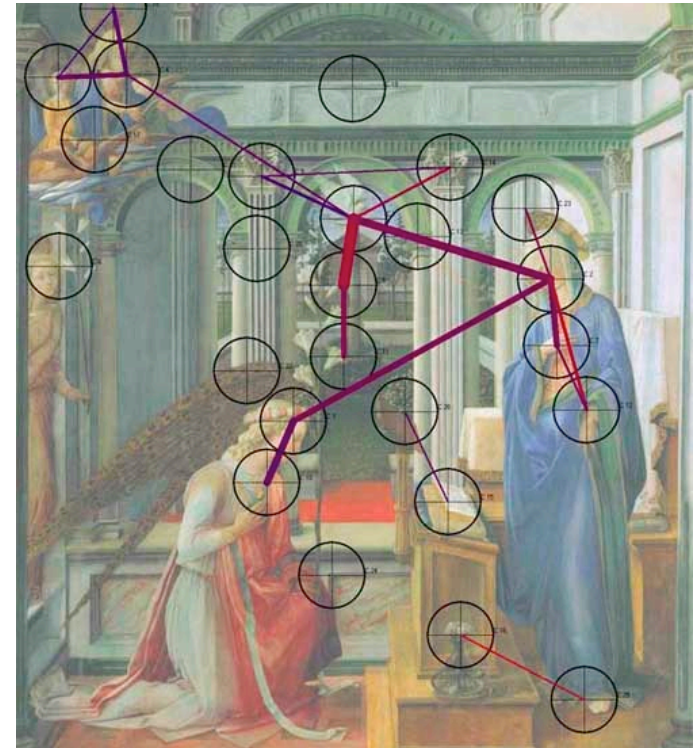
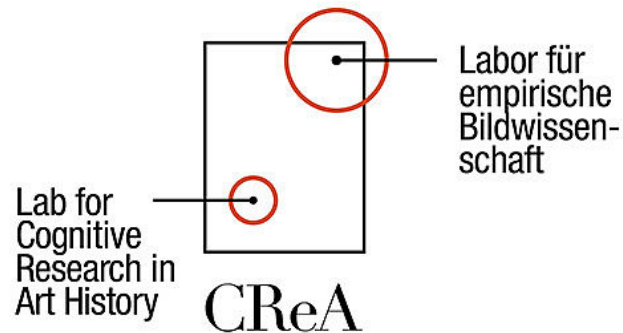
- Neuroinformatics – **Moritz Grosse-Wentrup**
 - Brain-computer interfaces
 - Neural signatures of motor skill
- Visualization, data analysis – **Torsten Möller, Laura Kösten**
- Educational Technologies – **Renate Motschnig**



Visualization &
Data Analysis ▶

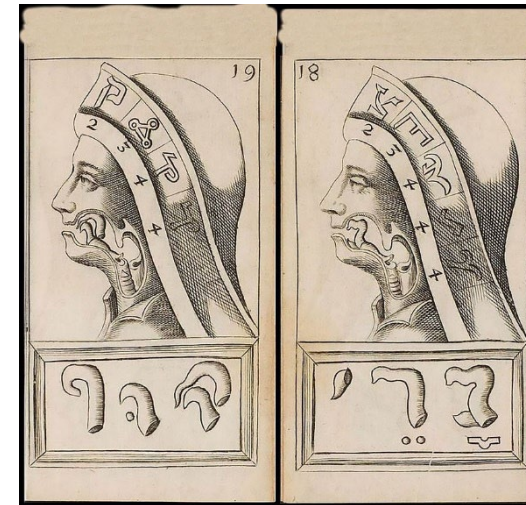
Department of Art History - Lab for Empirical Studies in Art History

- Perception and cognition of arts – Raphael Rosenberg, Luise Reitstätter
 - Eye-tracking studies art experience



Department of Linguistics – University of Vienna

- Neuro-, Patho-, Psycholinguistics / Psycholinguistics Lab Babelfish ([web](#)) – Jutta Müller
- Theory and history of linguistics – Daniel Bühring
- Language acquisition – Susanne Reiterer
 - Second language acquisition
 - Lexical and morphological acquisition
 - Connectionist modelling of language acquisition



Department of English and American Studies, Department of German Studies

- Structural Analysis, research methods in linguistics, cultural aspects of language – **Nikolaus Ritt**
- Cognitive poetics – **Thomas Eder**
 - Language and Cognition (historical and linguistic perspective)
 - Metaphors
- Linguistic variation – **Katherina Korecky-Kröll**
- Center for Translation Studies ([web](#))
 - Cognitive processes in the workplace – **Hanna Risku**



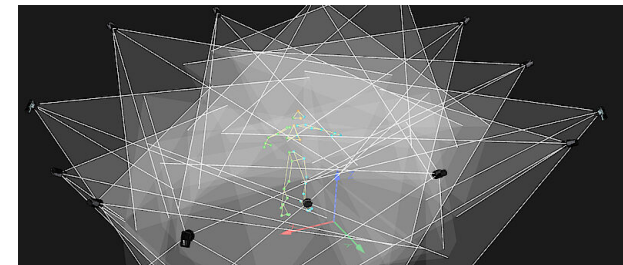
Department of Musicology

- Musicology – Christoph Reuter, Anja-Xiaoxing Cui
 - Psychoacoustics
 - Movement in music
 - Neuroscience of music



Media Lab

- [web](#) (only in German for now)



Department of Behavioural and Cognitive Biology

- Social cognition in non-human animals – **Thomas Bugnyar**
 - Theory of mind
 - Empathy
 - Imitation and social learning
- Cognitive mechanisms of language, music and arts – **Tecumseh Fitch**
- Behavioural flexibility – **Sabine Tebbich**
- Human-environment interactions – **Elisabeth Oberzaucher**
- [Brain & Language Lab](#) – **Narly Golestani**



Research Institutes: Cognitive / Behavioural Biology

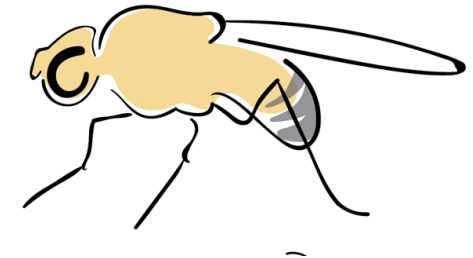
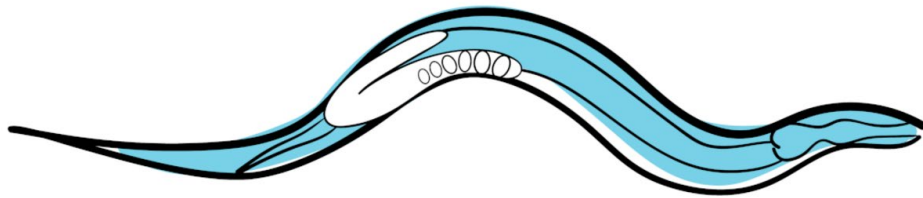
- Konrad Lorenz Institute (KLI) ([web](#))
 - Theoretical biology
 - Evolutionary theory
 - Computational biology
 - Biocognition – **Isabella Sarto-Jackson**
- Konrad Lorenz Research Station (KLF Grünau) ([web](#))
 - Co-evolution
 - Bioacoustics
 - Anthropogenic effects
 - Citizen science

An Institute for the Advanced Study
of Natural Complex Systems



Department of Neuroscience and Developmental Biology

- <https://neurodevbio.univie.ac.at/>
- Sensory System development and function (in arthropods) ([web](#)) – Thomas Hummel
- Neural network dynamics/ Neural circuits ([web](#))– Manuel Zimmer



Neuroscience Research Institutes Medical University of Vienna

- Center for Brain Research ([web](#))
 - Neuropharmacology – Margot Ernst
 - Cognitive neurobiology – Thomas Klausberger
- Neuroimaging Labs (NIL) ([web](#))
 - Neuroscience for psychiatry and psychotherapy – Rupert Lanzenberger
 - Neuropsychopharmacology
 - Neurobiology of emotion and cognition
- High Field MR Center ([web](#))
- Windischberger Lab ([web](#))
 - Cross-disciplinary applications of fMRI – Christian Windischberger
 - fMRI-TMS applications
 - Neural connectivity

Artificial Intelligence

- Section for Artificial Intelligence and Decision Support (AID) – Medical University of Vienna ([web](#))
 - Models of personality and emotions, software agents – [Paolo Petta](#)
 - Neuroinformatics – [Georg Dorffner](#)
- Austrian Research Institute for Artificial Intelligence (OFAI) ([web](#))
 - Natural language processing, HCI – [Brigitte Krenn](#), [Friedrich Neubarth](#), [Stephanie Gross](#)
 - Applied cognitive science, social robotics – [Robert Trappl](#)
- Johannes Kepler Universität Linz (JKU), formerly OFAI
 - Music processing and machine learning – [Arthur Flexer](#)



Cooperation: Danube University Krems

- Research Center KnowComm, Department for Knowledge and Communication Management ([web](#))
 - Socio-cognitive networks – **Lukas Zenk**
 - Organisational improvisation
 - Sustainability design / management – **Gerald Steiner**



Cooperation: Technical University of Vienna

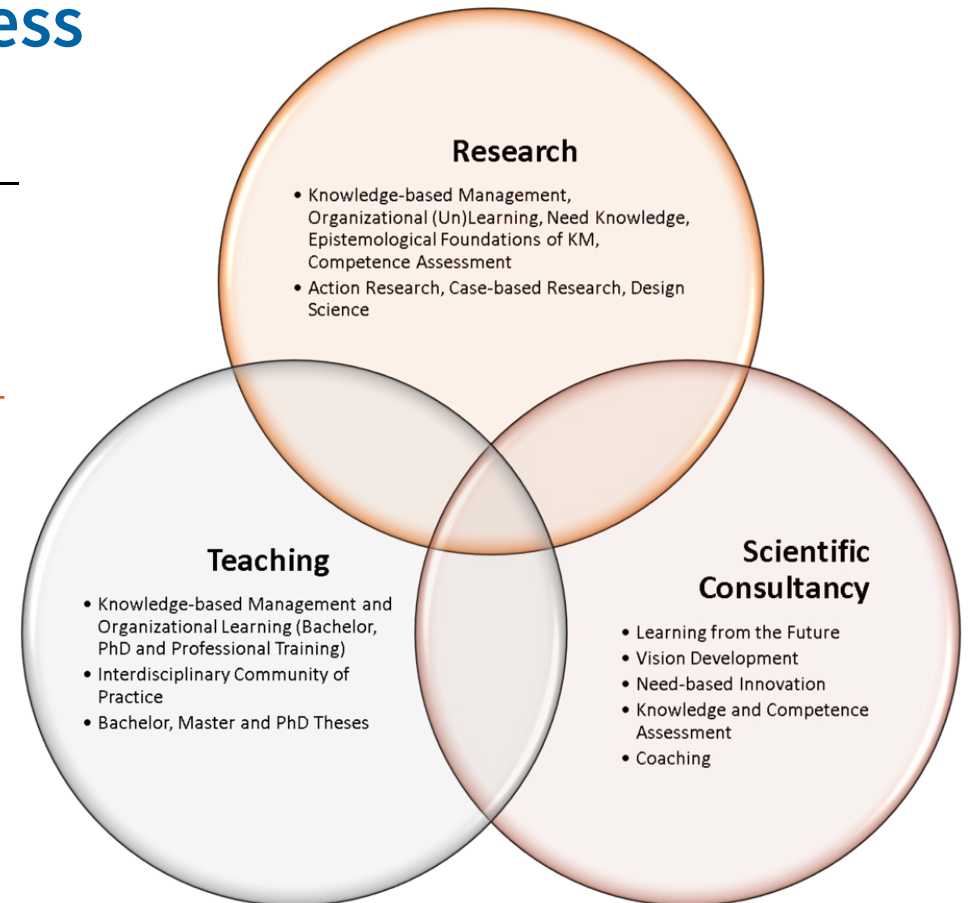
- Automation and Control Institute (ACIN) – [web](#)
 - Markus Vincze, Lara Lammer

ACIN



Cooperation: Vienna University of Economics and Business

- Knowledge Management Group ([web](#))
 - Knowledge Management and organizational learning – **Florian Kragulij**
 - Vision and Innovation
 - Knowledge-based systems analysis – **Alexander Kaiser**
- Sustainable Computing Lab ([web](#))
 - Human needs management – **Soheil Human**
- Institute for Cognition and Behavior ([web](#))
 - **Susann Fiedler, Hooman Habibnia**
- Institute for Information Systems & Society ([web](#))
 - **Sarah Spiekermann-Hoff, Karin Bednar, Lenart Motnikar**



Cooperation: Central European University in Vienna, Dept. Of Cognitive Science

- Joint Action and Attention – Günther Knoblich, Natalie Sebanz
SOMBY Lab – [web](#)
- Adaptive Cognition and Economics – Christophe Heintz
- Vision and Learning – Jozef Fiser



Cooperation: Complexity Science Hub Vienna

- Complexity Science – **Hannah Metzler**
 - Collective decision making
 - Sentiment analysis

[web](#)



Cooperations

- Austrian Institute of Technology
 - Biosignal Processing ([web](#)) – **Tilmann Kluge**
 - Advanced algorithms for brain signal analysis
 - Automatic EEG analysis of epilepsy



- Austrian Academy of Science
 - HEARING /Auditory perception ([web](#)) – **Bernhard Laback, Robert Baumgartner**
 - Human auditory perception
 - Perceptual deficits and auditory performance
 - Hearing with cochlear implants



OVERVIEW FIELDS

Departments, faculties:

- Philosophy
- Psychology
- Computer Science
- Art History
- Linguistics
- English and American Studies
- German Studies

+ Research institutes:

- Cognitive & Behavioural Biology
- Musicology
- Media
- Artificial Intelligence
- Neuroscience

+ Cooperations:

- Knowledge and Communication Management
- Automation and Control
- Complexity Science
- Economics and Business
 - Knowledge Management
 - Sustainable Computing
 - Cognition and Behavior
 - Information Systems & Society
- Technology
- Science

+ ...

Vienna Cognitive Science Hub

- Network for all research in Cognitive Science at the University of Vienna ([web](#)).
- Offering grants and other services such as assistance to connect to other researchers and find participants etc.



And more...



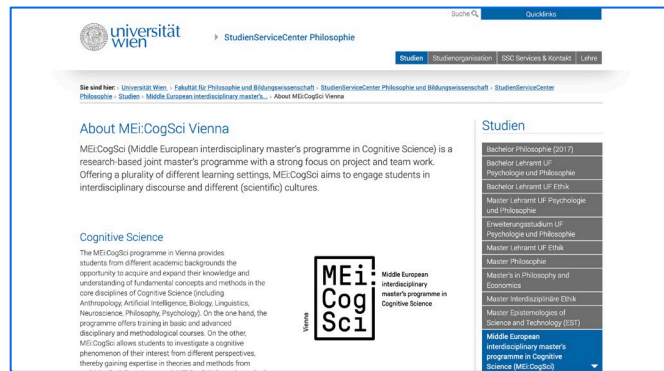


Essentials



- [List of projects](#)
- Information for **incoming students** [here](#)
 - ... for **outgoing students** [here](#)
- Erasmus+ in Vienna ([web](#))

Information on the Web



Local website

[https://ssc-phil.univie.ac.at/studien/
master-cognitive-science/](https://ssc-phil.univie.ac.at/studien/master-cognitive-science/)



Welcome Guide University of Vienna

[https://studieren.univie.ac.at/
en/welcome-guide/](https://studieren.univie.ac.at/en/welcome-guide/)

Key portals & dates

u:find - find courses, course information and register for courses at the University of Vienna
<https://ufind.univie.ac.at/>

u:space - find all your study relevant documents and information at the University of Vienna
<https://uspace.univie.ac.at/>

Med.Campus - find and register for courses at the Medical University of Vienna:
<https://campus.meduniwien.ac.at/med.campus/>

Academic Year to find general dates (and holidays)

at the University of Vienna <https://studieren.univie.ac.at/en/semester-planning/the-academic-year/>

and the Medical University of Vienna <https://www.meduniwien.ac.at/web/en/studierende/service-center/akademischer-kalender/>

Student-led communities



Erasmus Student Network

*„intercultural link between
foreign and local students*

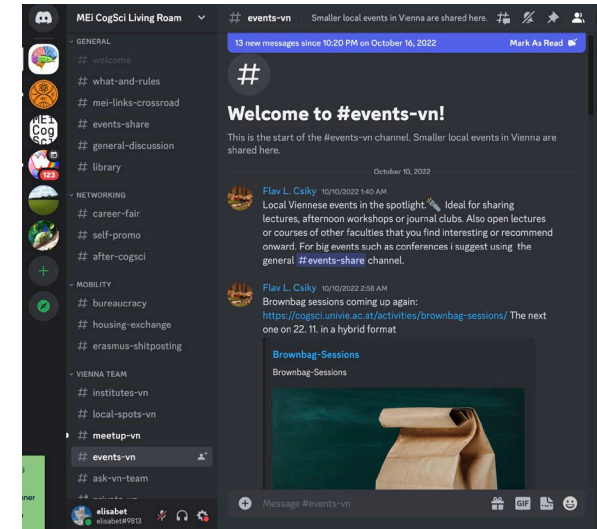


Buddy System [UniWien](#)



*„cross-any-cohort synapse
node of Viennese cogscies“*

Signal group: [CogSci Meetup](#)



*„exchanges, students, alumni,
events, networking & 4 cogsci cities“*

Discord: [Mei Cog Sci Living Roam](#)

Have a great mobility!

