

open to clinicians,  
PhDs & early career  
researchers

suitable for  
different levels of  
machine learning  
experience



supported by the machine  
learning platform NeuroMiner

## ORGANIZED BY



## REGISTRATION

Website & registration



[https://neurominer-  
git.github.io/NeuroMiner\\_1.1  
/0.1\\_MLSchool.html](https://neurominer-git.github.io/NeuroMiner_1.1/0.1_MLSchool.html)

### Fees

Lectures only: free  
Lectures & Practicals: 255 €

Limited free spots for  
researchers affiliated with LMU,  
LMU Klinikum, MPI of Psychiatry or  
KCL

### Contact

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# ONLINE MACHINE LEARNING SCHOOL

25-29 Sep 2023  
Virtual event

Machine  
Learning for  
Clinical  
Neuroscientists

# EXPERT SPEAKERS



Thomas Wolfers  
University of Tübingen, Germany



Tong Wang  
University of Iowa, USA



Dominic Dwyer  
University of Melbourne, Australia



MunMun De Choudhury  
Georgia Tech, USA



Paris Lalouis  
King's College London, UK



Nikolaos Koutsouleris  
LMU Munich

... the rest of the speakers & topics  
are to be announced shortly!

# AGENDA

## Day 1

- Topic: Introduction to machine learning concepts and tools (Nikolaos Koutsouleris)
- NeuroMiner tutorial: Cross-validation & preprocessing
- Expert lecture by Thomas Wolfers

## Day 2

- Topic: Machine Learning algorithms & optimization (Dominic Dwyer)
- NeuroMiner tutorial: Algorithms and optimization
- Expert lecture by TBA

## Day 3

- Topic: Multi-site data correction & multi-modal data analysis (Paris Loulouis)
- NeuroMiner tutorial: Data correction and stacked generalization
- Expert lecture by Munmun De Choudhury

## Day 4

- Topic: Transparent & interpretable machine learning (Ariane Wiegand)
- NeuroMiner tutorial: Interpretable machine learning
- Expert lecture by Tong Wang

## Day 5

- Kaggle competition

