ONLINE MACHINE LEARNING SCHOOL
ASIA-PACIFIC

25-29 Sep 2023
Virtual event

Machine Learning for Clinical Neuroscientists

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open to
clinician scientists,
PhDs & early career
researchers

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suitable for different
levels of machine
learning experience

NeuroMiner

supported by the machine
learning platform NeuroMiner

ORGANIZED BY

ory gen

LMU KLINIKUM DER UNIVERSITÄT MÜNCHEN

Max Planck Institute of Psychiatry

THE UNIVERSITY OF MELBOURNE

ecnp

Neuroimaging ECNP Network

KING'S College LONDON

REGISTRATION

Website & Registration

https://neurominer-git.github.io/NeuroMiner_1.1/0.1_MLSchool_AsiaPacific.html

Fees

Lectures only: free
Lectures & Tutorials: AUD500

20% discount for WHO low- and
middle-income countries

3 scholarships up for grabs
(more info on event page)

Contact

Neurominer Course Asia-Pacific

✉ nm.course.asia.pacific@gmail.com

Rochelle Ruby Ye
PhD Candidate & Event
Cooordinator/Tutor

Josh Nguyen
PhD Candidate & Event
Coordinator/Tutor

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EXPERT SPEAKERS
IN ADDITION TO THE EUROPEAN SPEAKERS

Dominic Dwyer
University of Melbourne, Australia

Jeannie Paterson
University of Melbourne, Australia

Tim Miller
University of Melbourne, Australia

And more to come...!

YOUR TUTORS

Caroline Gao
English, Mandarin

Rochelle Ruby Ye
English, Mandarin

Mengmeng Wang
English, Mandarin

Josh Nguyen
English, Vietnamese

Dominic Dwyer
English

AGENDA

Day 1
- Topic: Introduction to machine learning concepts and tools
- NeuroMiner tutorial: Cross-validation & preprocessing
- Expert lecture - TBA

Day 2
- Topic: Machine Learning algorithms & optimisation
- NeuroMiner tutorial: Algorithms and optimization
- Expert lecture - TBA

Day 3
- Topic: Multi-site data correction & multi-modal data analysis
- NeuroMiner tutorial: Data correction and stacked generalization
- Expert lecture - TBA

Day 4
- Topic: Transparent & interpretable machine learning
- NeuroMiner tutorial: Interpretable machine learning
- Expert lecture - Prof. Jeannie Paterson

Day 5
- Kaggle competition
- Winner presentation
- Wrap-up

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An Attendance Certificate will be awarded to all attendees upon completion of the *full course

*must complete tutorials