LMU KLINIKUM
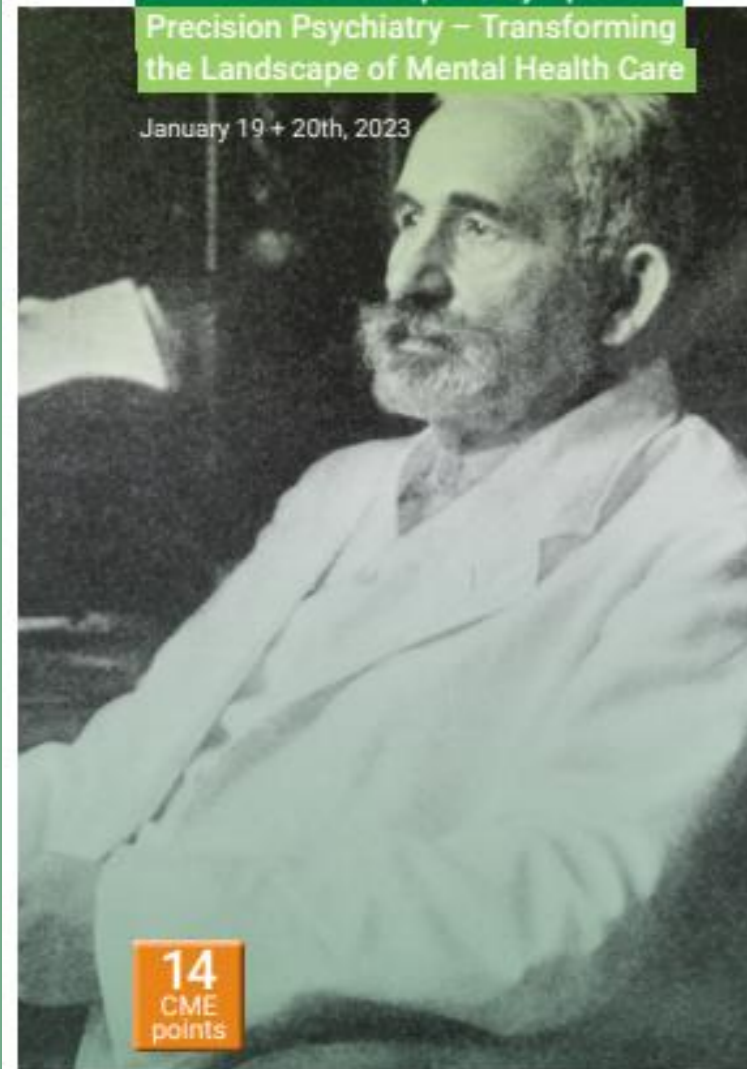Department of Psychiatry and Psychotherapy

9. Münchener Kraepelin-Symposium
Precision Psychiatry – Transforming the Landscape of Mental Health Care

January 19 + 20th, 2023

14 CME points

Department of Psychiatry and Psychotherapy,
Medical Center of the University of Munich

Supported by: **DFG** Deutsche Forschungsgemeinschaft

Day 1
Thursday, 19.01.2023

Welcome:
Nikolaos Koutsouleris, Peter Falkai

13:30 - 14:00

In Memoriam H. Hippius: Psychopharmacology in Munich
Peter Falkai

SESSION 1
Computational approaches in precision psychiatry

Moderator: Nikolaos Koutsouleris

14:00 - 14:30 | Neural replay, cognitive maps and schizophrenia
Ray Dolan

14:30 - 15:00 | Machine learning in neuroimaging of aging, AD and schizophrenia
Christos Davatzikos

15:00 - 15:30 | Personalized prevention through mapping neural mechanisms of environmental risk and resilience
Andreas Meyer-Lindenberg

SESSION 2
Molecular pathways to precision

Moderator: Peter Falkai

15:30 - 15:55 | From discoveries of polygenic architecture of psychiatric disorders to precision psychiatry
Ole Andreassen

15:55 - 16:20 | Using functional polygenic scores to identify subtypes in psychiatric disorders
Elisabeth Binder

16:20 - 16:45 | Multiscale digital brains for clinical applications
Petra Ritter (via Zoom)

16:45 - 17:10 | Identifying transdiagnostic targets to improve outcome in developing severe mental illness
Rachel Upthegrove

17:10 - 17:30 | Coffee break

SESSION 3
Digital phenotyping as a source for precision psychiatry

Moderator: Paolo Fusar-Poli, Heleen Riper

17:30 - 18:00 | Electronic health record screening for detecting young people at risk of psychosis
Paolo Fusar-Poli

18:00 - 18:30 | Digital phenotyping for depression and anxiety: opportunities & challenges
Heleen Riper

18:30 - 19:00 | A decade later: What we have learned from utilizing social media to improve mental health
Munmun Chaudhury (via Zoom)

Day 2
Friday, 20.01.2023

SESSION 4
Early recognition of mental disorders as use case of precision psychiatry

Moderator: Ty Cannon, Philip McGuire

9:00 - 9:30 | Individualized prediction models for psychosis and related outcomes in youth at clinical high risk: Recent findings from the NAPLS consortium
Ty Cannon

9:30 - 10:00 | What have we learned from neuroimaging about schizophrenia?
Philip McGuire

10:00 - 10:30 | Resolving heterogeneity on the way to precision: lessons learned from the PRONIA study
Nikolaos Koutsouleris

SESSION 5
Understanding biobehavioral trajectories as the basis for precision

Moderator: Christos Davatzikos

10:30 - 11:00 | Convergent approaches in advancing psychosis: integrating common and rare variants
Raquel Gur

11:00 - 11:30 | Changing how we use neuroimaging to study psychosis and its course
Paola Dazzan

11:30 - 12:00 | MRI for predicting clinical outcomes in mental health – present, future, and challenges of longitudinal multisite studies
Joaquim Radua

12:00 - 13:00 | Lunch

SESSION 6
Towards routine clinical care

Moderator: Rachel Upthegrove

13:00 - 13:30 | Speech markers for precision psychiatry
Lena Palaniyappan (via Zoom)

13:30 - 14:00 | Arrival of precision medicine in clinical care: The new interdisciplinary network CARE
Eva Meisenzahl

14:00 - 14:30 | Panel discussion: Implementation opportunities and bottlenecks of implementing precision psychiatry.
Experience from springhealth
Adam Chekroud (via Zoom)

SESSION 7
Precision Psychiatry: The funders perspective

Moderator: Ole Andreassen

14:30 - 15:00 | Welcome's new mental health strategy and funding opportunities
Niall Boyce

OPEN DISCUSSION

Moderator: Nikolaos Koutsouleris

15:00 - 16:00 | Open discussion between participants and speakers