

OHBM 2018 PROGRAM-AT-A-GLANCE

Sunday, June 17

Educational Courses

Full Day Courses: 8:00 – 16:30

Network Neuroscience: Concepts, Methods and Applications
Hall 405-406

Hands on reproducible brain imaging
Room: 331

Pattern Recognition for Neuroimaging
Room: 334-336

EEG and MEG Source Reconstruction with FieldTrip
Room: 303-304

Morning Courses 8:00 – 12:00

Time-varying connectivity in resting-state fMRI: from methods to interpretations
Room: 332

Why it all comes back to Anatomy
Room: 308

Introduction to Imaging Genetics
Room: 309

Reusing Public Neuroimaging Datasets
Room: 310

Afternoon Courses 13:00 – 16:30

Beyond Linear Decoding: An Introduction to Deep Learning Methods
Room: 308

Neuroimaging Meta-Analysis
Room: 309

Brain parcellations and functional territories
Room: 332

Population neuroscience: How to responsibly handle big data in the age of biobanks
Room: 310

12:00 – 13:00 Lunch

Open Science

12:00 – 13:00
Brainhack 101
Room: 311

16:30 – 17:15
Openscience SIG Meeting
Room: 311

17:30 – 19:30

Opening Ceremonies and Talairach Lecture
Hall 405-406

Talairach Lecture: Karl J. Friston MB, BS, MA, MRCPsych, FMedSci, FRSB, FRS
I am therefore I think

19:30 – 21:00
Welcome Reception
Level 3

Monday, June 18

8:00 – 9:15

Morning Symposia

Cognitive & Affective Neuroscience: From Circuitry to Network and Behavior
Room: Summit 2

What can functional connectivity tell us about mechanisms of brain function?
Room: 324-326

Brodman (1868-1918): A pioneer of human brain mapping and his impact on present and future concepts
Hall 405-406

Population & imaging genetics approaches: what can brain imaging contribute
Room: Summit 1

15 minute break

9:30 – 10:15

Keynote Lecturer: Irene Tracey

Imaging Pain, Relief and Anaesthesia-induced altered states of Perception
Hall 405-406

10 minute break

10:25 – 10:50

Best Paper Award Presentations

Hall 405-406

10:30 – 12:00

Open Science

OHBM Hackathon projects 2018
Room: 311

10:50 – 12:00

LOC Symposium

Mapping Brain Functional Connectivity to Behavior In Young and Old: Methods, Illustrations and Challenges
Hall 405-406

12:00 – 13:00 Lunch

12:00 – 13:00

The OHBM Publishing Initiative Roundtable

Room: 324-326

12:30 – 14:30

Open Science

Anatomical imaging & pattern classification
Room: 311

13:15 – 14:30

Multi Modality Symposium

Hall 405-406

15 minute break

14:45 – 16:00

Oral Sessions

Modeling & Analysis Methods I / *Hall 405-406*
Disorders of the Nervous System – Neurology / *Room: Summit 1*
Neuroanatomy & Physiology / *Room: 324-326*
Decision Making / *Room: Summit 2*

15 minute break

16:15 – 17:00

Keynote Lecture: Simon Eickhoff

Bridging the gap: From large-scale aggregation to individual prediction
Hall 405-406

15 minute break

17:15 – 18:15

Up Close and Personal with Susan Bookheimer

Room: 324-326

20:00

Student/Post Doc Monday Night Social

Where: *Altimate and 1-Altitude, 1 Raffles Place, Singapore 048616*

Tuesday, June 19

7:00 – 8:00

Morning Coffee with Exhibitors

8:00 – 9:15

Morning Symposia

Dynamics of resting-state functional connectivity: Methods and models
Room: Summit 1

Prediction bias in perceptual experience and decision making
Hall 405-406

Neuroplasticity: From bench to practice
Room: Summit 2

Data science in neuroscience: Generating insight from rich, complex and messy data
Room: 324-326

15 minute break

9:30 – 10:15

Keynote Lecturer: Prof. Dr. Gustavo Deco

Towards Causal Neuroimaging: Whole-Brain Dynamics and Modelling
Hall 405-406

15 minute break

10:30 – 11:45

Oral Sessions

Imaging methods – Acquisition I / *Hall 405-406*
Informatics / *Room: 324-326*

Lifespan Development / *Room: Summit 2*
Brain Stimulation Methods / *Room: Summit 1*

11:45 – 12:45 Lunch

12:00 – 13:30

Student/Postdoc SIG Roundtable

Lunch with Mentors / *Room: Summit 1*

12:00 – 14:30

Lunch Symposium – PHILIPS NEURO DIAGNOSTICS

Room: 324-326

12:30 – 14:30

Open Science

Functional imaging / *Room: 311*

12:45 – 14:45

All Posters #1000-2962

Authors with even number posters will present from 12:45 – 13:45. Authors with odd number posters will present 13:45 – 14:45.
Hall 401-403

14:45 – 16:00

Afternoon Symposia

Critical Perspectives on Time-Varying Models for BOLD Functional Connectivity
Hall 405-406

Movies in the Magnet: Emerging themes from naturalistic viewing studies in fMRI
Room: Summit 2

Transcranial Low Intensity Focused Ultrasound: A novel approach to non-invasive brain mapping
Room: Summit 1

Evolving perspectives on neurohormonal modulation of social-emotional networks
Room: 324-326

15 minute break

16:15 – 17:00

Keynote Lecture: Beatriz Luna, Ph.D.

Uncovering neurodevelopmental specialization of neurocognitive processes using multimodal neuroimaging
Hall 405-406

17:00 – 19:00

Chinese Young Scholar Meeting / *Room: 324-326*

20:00 – 2:00

Club Night / *Zouk*

Wednesday, June 20

7:00 – 8:00

Morning Coffee with Exhibitors

8:00 – 9:15

Morning Symposia

Evolving perspectives on integrating task-based and rest-based models of brain function
Hall 405-406

Progression from the mean: neuroimaging methods for modeling population variability & heterogeneity
Room: Summit 1

Multimodal imaging of electroconvulsive therapy at the human system level
Room: Summit 2

15 minute break

9:30 – 10:15

Keynote Lecture: Leah Somerville, PhD

Neurodevelopment, self-regulation, and value
Hall 405-406

15 minute break

10:30 – 11:45

Oral Sessions

Modeling & Analysis Methods II / *Hall 405-406*
Disorders of the Nervous System – Psychiatry / *Room: Summit 1*
Language / *Room: 324-325*
Learning and Memory / *Room: Summit 2*

11:45 – 12:45 Lunch

12:00 – 13:30

Siemens Healthineers Lunch Symposium

Room: 324-326

12:30 – 14:30

Open Science

Diffusion methods
Room: 311

12:45 – 14:45

All Posters #1000-2962

Authors with even number posters will present from 12:45 – 13:45.
Authors with odd number posters will present 13:45 – 14:45.
Hall 401-403

13:00-14:30

Coffee & Dessert with Exhibitors

Hall 401-403

14:45 – 16:00

Afternoon Symposia

Reproducibility in functional MRI: validation, improvement and future
Hall 405-406

Neurobiology of Exercise: What Neuroimaging tells us about the underlying Molecular Mechanisms
Room: 324-325

Novel multimodal approaches for precision brain stimulation
Room: Summit 2

Modelling complex neuroimaging data: Practical approaches to longitudinal and dependent data
Room: Summit 1

15 minute break

16:15 – 17:00

Keynote Lecture: Daniel S. Margulies, PhD

Topographic principles of macroscale cortical connectivity
Hall 405-406

15 minute break

17:15 – 18:15

General Assembly & Feedback Forum

Hall 405-406

Thursday, June 21

7:00 – 8:00

Morning Coffee with Exhibitors

8:00 – 9:15

Morning Symposia

A spotlight on network hubs: cutting-edge analyses and clinical applications
Hall 405-406

Good Noise in Neural Computation
Room: Summit 1

Mapping and Manipulating Neural Oscillations with Non-Invasive Brain Stimulation
Room: Summit 2

15 minute break

9:30 – 10:15

Keynote Lecture: Martijn van den Heuvel, PhD

Principles of wiring of the human connectome
Hall 405-406

15 minute break

10:30 – 11:45

Oral Sessions

Imaging Methods 2 / *Hall 405-406*
Genetics / *Room: Summit 1*
Mapping Emotions & Social Function in the Brain / *Room: 324-325*
Perception, Attention, & Motor Behavior / *Room: Summit 2*

11:45 – 12:45 Lunch

12:30 – 14:30

Open Science

Machine learning and clustering
Room: 311

12:45 – 14:45

All Posters #1000-2962

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Authors with odd number posters will present 13:45 – 14:45.
Hall 401-403

14:45 – 16:00

Closing Comments and Meeting Highlights

Hall 405-406

16:00 – 17:30

Farewell Poster Reception

All Posters #1000-2962

Hall 401-403