

## Camh | Krembil Centre for Neuroinformatics

## Open House

Come meet the KCNI team and learn about the latest developments!



register today virtual & in-person

10 AM TO 2 PM EST TUESDAY, JUNE 27, 2023

250 College Street, 12th floor



**OPENING REMARKS** 

PROGRESS UPDATES FROM THE KCNI **OPERATIONS & LAB LEADS** 

COMPUTATIONAL

**GENOMICS** 

Dr. Shreejoy Tripathy

BREAK

12:30

PM

CLOSING REMARKS

12:50 PM

TRAINEE

SHOWCASE

LAB&

1:50

PM

AM Dr. Sean Hill,

10:00

Scientific Director

Dr. Damian Jankowicz,

VP, IMG CIO & CPO

Anne-Marie Newton,

Chief Philanthropy Officer

KCNI UPDATES

10:30

AM

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WHOLE BRAIN MODELLING

Dr. John Griffiths

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**David Rotenberg** 

COGNITIVE **NETWORK** MODELLING

10:45

AM

Dr. Andreea Diaconescu

DIGITAL MENTAL HEALTH

Dr. Gillian Strudwick

**BRAIN CIRCUIT** MODELLING

Dr. Etay Hay

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WHOLE PERSON MODELLING

Dr. Daniel Felsky

EQUITY, FAIRNESS, & DIVERSITY

> Dr. Laura Sikstrom Dr. Marta Maslej

KCNI TEAM **POSTER EXHIBITION** 

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TRAINEE **SPOTLIGHT PRESENTATIONS** (hybrid)

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## TRAINEE SPOTLIGHT PRESENTATIONS

DIGITAL MENTAL HEALTH **BRAIN CIRCUIT** MODELLING

COMPUTATIONAL **GENOMICS** 

COGNITIVE NETWORK MODELLING

**PREDICTIVE** CARE

**EDUCATION** 

12:50

PM

BeWell @ CAMH: A co-designed, evidence-informed text messaging service supporting

Charlotte Pape

health and wellness

clinician mental

1:00

PM

In-silico EEG biomarkers of cellspecific inhibition in depression

Frank Mazza

1:10

PM

Age-dependent vulnerability of specific interneurons subtypes in schizophrenia

Dan Kiss

In-silico testing of new pharmacology for restoring cortical inhibition in depression

Alex Guet-McCreight

1:20 PM

**Computational Modelling** of Amotivation in Schizophrenia Spectrum Disorders using Virtual **Exploration** 

Jason Yang

1:30

PM

**Building Fair ML** models: Investigating the experiences of autistic patients in the CAMH ED

Valeria Khudiakova

Association between brain network stratification and cognition in schizophrenia spectrum disorders

Dr. Ju-Chi Yu

(SSD)

1:40

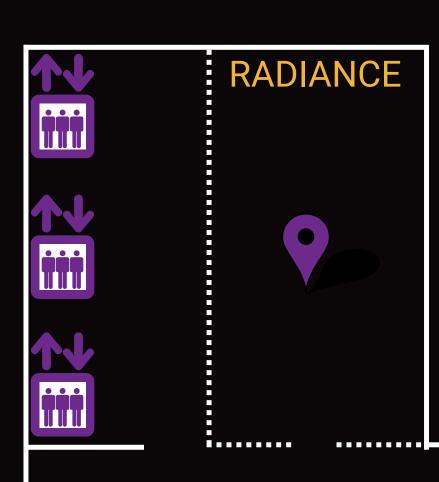
PM

**Arbitration between Social** and Reward Learning Systems: A Gamefied **Learning Task for Psychosis Symptom Predictions** 

Sophie Rashid



Poster Exhibition: 12:30 PM to 1:50 PM



## legend:

- Trainee spotlight Presentations
- Whole Person Modelling
- Refreshments
- Cognitive Network Modelling
- Computational Genomics
- KCNI IT
- Whole Brain Modelling
- Brain Circuit Modeling
- P Digital mental health



