

International Conference on Brain-Mind

2013

Preliminary Program at a Glance

Day 1, Saturday July 27th

Room 1420 Biomedical and Physical Science Building

08:45-09:15 **Registration**

09:15-09:30 **Opening Messages**

Day 1 AM Session

Chair: Gonzalo Munevar

09:30-10:30 **Invited Talk:**

**Neural Coding and Decoding: An Overview of
the Neuroscience and Neurophysiology
behind Intracortical Brain-Computer
Interfaces.**

Speaker: Beata Jarosiewicz (*Brown University*)

10:30-11:00 **Break**

11:00-11:40 **Skull-Closed Autonomous Development:
WWN-7 Dealing with Scales**

Speaker: Xiaofeng Wu (*Fudan University*)

11:40-12:00 **Motor Neuron Splitting for Efficient Learning
in Where-What Network**

Speaker: Zejia Zheng (*Michigan State University*)

12:00-14:00 **Lunch**

Day 1 PM Session

Chair: Beata Jarosiewicz

14:00-15:00 **Invited Talk:**

Resting-State fMRI and Applications

Speaker: David C. Zhu (*Michigan State University*)

15:00-15:30 **Break**

15:30-16:30 **Invited Talk:**

**Examining the Effects of Avatar-body
Schema Integration**

Speaker: Rabindra (Robby) Ratan (*Michigan State University*)

16:30-17:10 **Serious Game Modeling of Caribou Behavior
across Lake Huron Using Cultural
Algorithms and Influence Maps**

Speaker: Robert G. Reynolds (*Wayne State University*)

18:00-20:00 **Reception (All invited)**

Day 2, Sunday, July 28th

Room 1420 Biomedical and Physical Science Building

Day 2 AM Session

Chair: Juyang Weng

09:00-10:00

Invited Talk:

BrainGate: Toward the Development of Brain-Computer Interfaces for People with Paralysis.

Speaker: Beata Jarosiewicz (*Brown University*)

10:00-10:30

Break

10:30-11:10

Establish the three theorems: DP Optimally Self-Programs Logics Directly from Physics

Speaker: Juyang Weng (*Michigan State University*)

11:10-11:30

Neuroscientific Critique of Depression as Adaptation

Speakers: Gonzalo Munevar and Donna Irvan (*Lawrence Technological University*)

11:30-13:30

Business Lunch Meeting (All invited)

Day 2 PM Session

Chair: Taosheng Liu

13:30-14:30

Invited Talk:

**Obama's Brain Initiative and Resistance
from the Status Quo**

Speaker: Juyang Weng (*Michigan State
University*)

14:30-15:10

**Neural Modulation for Reinforcement
Learning in Developmental Networks
Facing an Exponential No. of States**

Speaker: Hao Ye (*Fudan University*)

15:10-15:40

Break

15:40-16:40

Invited Talk:

**Representation of Attentional Priority
in Human Cortex**

Speaker: Taosheng Liu (*Michigan State
University*)

16:40-17:20

The Ontology of Consciousness

Speaker: Eugene M. Brooks (*Providence
Hospital*)
