

2-19-08

NEURAL CONTROL OF MOVEMENT
18th Annual Meeting
Naples Beach Hotel & Golf Club, Naples, Florida
April 29 - May 4, 2008

DAILY MEETING SCHEDULE:

Tuesday, April 29, 2008

5:30 – 7:00 PM **REGISTRATION**

7:00 – 10:00 PM **RECEPTION**

Wednesday, April 30, 2008

7:00 – 8:00 AM **BREAKFAST, Naples Beach Hotel & Golf Club**

8:00 – 10:15 AM **PANEL **Session 1****

TITLE: **REFLEXES AND VOLUNTARY MOVEMENT: THE LEGACY OF GERALD GOTTLIEB**

ORGANIZER: *D. Corcos*

PARTICIPANTS: Zev Rymer, J. Rothwell, Z. Hasan, J. Semmlow, M. Latash

10:15 – 10:35 AM **B R E A K**

10:45 AM – 12:15 PM **PERSPECTIVE **Session 2****

TITLE: **BAYESIAN APPROACHES TO MOTOR CONTROL**

ORGANIZER: *K. Kording*

PARTICIPANTS: M. Berniker, D. Angelaki, P. Sabes

12:30 – 3:00 PM **B R E A K**

3:00 – 4:30 PM **O P E N P R E S E N T A T I O N S I **Session 3****

SPEAKERS: S. Sober, P. Celnik, H. Scherberger, K. Thoroughman, D. Sternad, B. Najafi

4:30 – 6:30 PM **POSTER SESSION I**

6:30 – 7:30 PM **WORKSHOP - DISCUSSION **Session 4****

TITLE: **NOT YOUR FATHER'S RETICULOSPINAL TRACT ANYMORE**

ORGANIZER: *M. Schieber*

PARTICIPANTS: S. Baker, J. Buchanan, J. Buford, A. Davidson, T. Drew, J. Rothwell

7:30 - 9:00 PM **SOCIAL**

Thursday, May 1, 2008

7:00 – 8:00 AM **BREAKFAST, Naples Beach Hotel & Golf Club**

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8:00 – 10:15 AM

PANEL Session 5

TITLE:

SENSORY REWEIGHTING, WHAT IS IT, AND HOW IS IT USED TO CONTROL POSTURE

ORGANIZER:

G. Gdowski

PARTICIPANTS:

P. DiZio, E. Keshner, R. Peterka

10:15 – 10:35 AM

B R E A K

10:45 AM – 12:15 PM

PERSPECTIVE Session 6

TITLE:

WHAT DOES VISUOMOTOR ADAPTATION DO TO OUR SENSES?

ORGANIZER:

J. Smeets

PARTICIPANTS:

D. Henriques, P. Sabes

12:30 – 3:00 PM

B R E A K

[12:30 – 1:30 PM

Board Meeting I

3:00 – 4:30 PM

TUTORIAL Session 7

TITLE:

ERROR CLAMPS FOR STUDYING MOTOR LEARNING: HOW THE ABILITY TO EXPERIMENTALLY CONTROL ERROR SIGNALS CAN GIVE NEW INSIGHTS INTO MOTOR ADAPTION

ORGANIZER:

M. Smith

PARTICIPANTS:

R. Scheidt, F. Mussa-Ivaldi

4:30 – 6:30 PM

POSTER SESSION II

6:30 – 7:30 PM

WORKSHOP - DISCUSSION Session 8

TITLE:

ALTERING LOCOMOTION THROUGH LEARNING AND CONSCIOUS CONTROL: WHAT ARE THE IMPLICATIONS FOR REHABILITATION?

ORGANIZER:

S. Kautz

PARTICIPANTS:

A. Bastian, D. Reisman, C. Patten

Friday, May 2, 2008

7:00 – 8:00 AM

BREAKFAST, Naples Beach Hotel & Golf Club

8:00 – 10:15 AM

PANEL Session 9

TITLE:

WHAT CAN ROBOTS TELL US ABOUT MOTOR CONTROL?

ORGANIZER:

E. Burdet

PARTICIPANTS:

G. Cheng, H. Krapp, A. Ijspeert

10:15 – 10:35 AM

B R E A K

10:45 AM – 12:15 PM

PERSPECTIVE Session 10

TITLE:

ARE TWO-HANDED ACTIONS MORE THAN THE SUM OF THE PARTS?

ORGANIZER:

R. Flanagan

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PARTICIPANTS:
DISCUSSANT:

J. Diedrichsen, S. Scott
J. Smeets,

12:30 – 3:00 PM

B R E A K

3:30 – 5:45 PM

PANEL **Session 11**

TITLE:

**FLEXIBILITY AND COORDINATION OF UPPER LIMB
REFLEXES**

ORGANIZER:

I. Kurtzer

PARTICIPANTS:

E. Perreault, R. Sainburg, R. Scheidt

6:00 -7:00 PM

Business Meeting

[7:00 – 7:30 PM

Board Meeting II]

Saturday, May 3, 2008

7:00 – 8:00 AM

BREAKFAST, Naples Beach Hotel & Golf Club

8:00 – 10:15 AM

PANEL **Session 12**

TITLE:

**“HOW FAST?” TRAJECTORY CONTROL, MOVEMENT ENERGY, AND
THE BASAL GANGLIA**

ORGANIZER:

R. Turner

PARTICIPANTS:

P. Mazzone, Y. Niv, D. Vaillancourt

10:15 – 10:35 AM

B R E A K

10:45 AM – 12:15 PM

O P E N PRESENTATIONS II **Session 13**

SPEAKERS:

G. Blohm, J. Duque, M. Wagner, A. Suminski, C. Honeycutt,
A. Pruszynski

12:30 – 4:00 PM

B R E A K

4:00 – 6:15 PM

PANEL **Session 14**

TITLE:

**PARSIMONY IN NEURAL CONTROL: ARE THERE SHARED
NEURAL MECHANISMS FOR FEEDFORWARD AND FEEDBACK
CONTROL OF POSTURE?**

ORGANIZER:

L. Ting

PARTICIPANTS:

T. Drew, P. Stapley, G. Torres-Oviedo

6:15 – 7:30 PM

B R E A K

7:30 – 10:30 PM

BANQUET & DANCE

Sunday, May 4, 2008

7:00 – 9:00 AM

BREAKFAST & DEPARTURE