

The Temporal Dynamics of Learning Center

2013 ALL-HANDS MEETING AGENDA

UC San Diego, La Jolla, CA February 7-9, 2013

Thursday, February 7, 2013 – TDLC Fellows Retreat (for students, postdocs and junior researchers) - *The Retreat agenda and the venue map can be found at:*

http://tdlc.ucsd.edu/events/ahm_2013/ahm_2013_fellows_retreat.pdf

2:45 PM: Meet in Sheraton Lobby for shared taxis to UCSD's RIMAC Annex

3:00-7:00 Fellows Retreat Talks and Panel Discussion: UCSD RIMAC Annex, Dugout (downstairs – stairwell door is just left of Peet's Coffee)

7:00-9:00 Dinner and games: UCSD RIMAC Annex, Home Plate Restaurant ("Upper Deck" loft)

Friday, February 8, 2013 San Diego Supercomputer Center Auditorium

Shuttle from Sheraton Hotel to UCSD (2 departure times): 7:30 and 7:50 AM (Driving directions on page 4)

7:45-8:30 **Breakfast Buffet**

8:30-8:45 **Gary Cottrell:** *"Opening Remarks"*

8:45-9:45 **KEYNOTE: Mark Churchland, Columbia:** *The neural dynamics of movement generation.* (50 minute talk + 10 minutes questions)

9:45-10:00 **Break**

10:00-10:40 **Dave Peterson, Salk, SMN former trainee:** *Motor learning gone awry: from STDP to neurology.* (30 minute talk + 10 minutes questions)

10:40-11:20 **Bernie Till, University of Victoria, PEN trainee:** *Hand and mind: applications of conformal geometry to the temporal dynamics of reach and grasp* (30 minute talk + 10 minutes questions)

11:20-12:00 **Structured Discussion: Integrating models and movement**
Moderated by Emo Todorov, University of Washington, SMN

12:00-1:20 **Lunch and project meeting time**

1:20-1:30 **Transition to Breakout Meeting rooms**

1:30-4:10 ***Initiative Meetings and Breakout Sessions.*** Select from options below:

1:30-2:30 **Session 1**

- **Initiative 1 meeting, Learning the Temporal Dynamics of the World.**
Dan Feldman and Paula Tallal – Auditorium

- **Breakout:** *Discussion of current publishing trends*, Isabel Gauthier – Dugout, RIMAC Annex
- **Birds of a feather** (*Use this time for small group meetings if you are not in Initiative 1 or attending a breakout*)

2:30-3:10: Break & Discussion/Project Meeting time

3:10-4:10 Session 2

- **Initiative 2.1 and 2.2 meeting, The Temporal Dynamics of the Brain**, Andrea Chiba, UCSD – Auditorium
- **Initiative 2.3 meeting**, Isabel Gauthier, Vanderbilt – High-Tech Conference Room, BE145
- **Birds of a feather** (*Use this time for small group meetings if you are not in Initiative 2*)

4:10-4:50: John Herrington, Children’s Hospital of Philadelphia, SIN former trainee:
The temporal dynamics of emotion’s impact on learning (30 minute talk + 10 minutes questions)

4:50-5:30: Tim Brown, UCSD: aMEG studies of the temporal dynamics of cortical auditory processing. (30 minute talk + 10 minutes questions)

5:30-8:30: Posters & Demo Session with Hors d’oeuvres, Synthesis Center – Foyer, B1
(See attached Poster List)

5:30-6:30: Exec. Committee & Advisory Board Meeting – INC Open Space, B1

Shuttle trips from UCSD to Sheraton Hotel (6 departure times): 6:30, 7:00, 7:30, 8:00, 8:30, & 9:00 PM

Saturday, February 9, 2013, San Diego Supercomputer Center Auditorium

Shuttle from Sheraton Hotel to UCSD (3 departure times): 7:30, 7:50, and 8:15 AM

7:45-9:00: Breakfast Buffet

9:00-9:45: THE STATE OF THE CENTER: REPORT AND DISCUSSION

9:45-10:00: Break and transition to meeting rooms

10:00-12:00: Initiative Meetings and Breakout Sessions. Select from options below:

10:00-11:00 Session 1

- **Initiative 3 meeting, Movement and Exploration.** Virginia de Sa, UCSD, SMN – Auditorium
- **Breakout:** Andrew Currah, Apple, *Digital Publishing with iBooks and iTunes* – Synthesis Center (SDSC Level B1)
- **Birds of a feather** (*Use this time for small group meetings if you are not in Initiative 3 or attending a breakout*)

10:00-12:00 Breakout: David Daniel, James Madison University, *Translating Mind Brain Education to the Classroom and Back* - INC Open Space (SDSC Level B1)

11:00-12:00 Session 2

- **Theoretical Integration (The Initiative Formerly Known as 4) meeting**, Terry Sejnowski (Salk, SMN) and Tom Palmeri (Vanderbilt, PEN) - Auditorium
- **Breakout: Discussion about psychophysiological methods in Children**, Gedeon Deák, UCSD – High Tech Conference Room (SDSC Level B1)
- **Birds of a feather: (Use this time for small group meetings or attend a break-out if you are not in Theoretical Integration.)**

12:00-1:20: Lunch and project meeting time

1:20-2:00: Eva Pastalkova, HHMI, IMS former trainee: Deconstructing episodic memory.
(30 minute talk + 10 minutes questions)

2:00-2:40: Lisa Scott, U Mass Amherst, PEN former trainee: The narrow bridge ahead: How early learning enhances and constrains perceptual development. (30 minute talk + 10 minutes questions)

2:40-3:00: Break

3:00-4:00: Bruce McCandliss, Vanderbilt: Education Keynote: Temporal dynamics of learning in language and literacy.

4:00-4:30: Panel: How to get more education out of our science, David Daniel, James Madison University, Bruce McCandliss, Vanderbilt, Andrea Chiba, UCSD - Auditorium

Shuttle from UCSD to Sheraton Hotel (3 departure times): 4:30, 5:00, and 5:30 PM

Shuttle from Sheraton Hotel to Gary's house (2 departure times): 5:45 and 6:15 PM

6:00-9:00: Brainstorming Session and Dinner
Address: 6711 Edmonton Ave. 92122
Gary's Cell: 619-823-3033 Home Phone: 858-731-1968

Shuttle from Gary's house back to Sheraton Hotel (5 departure times): 8:00, 8:30, 9:00, 9:30, and 10:00 PM

Directions to venue can be found at: <http://www.sdsc.edu/about/Visitorinfo.html>

Break-out rooms available for meetings on Friday afternoon:

<u>Room name</u>	<u>#</u>	<u>Occupancy</u>
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B level up stairs to first level of building:

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|-------------------------------|--------|-------|
| 1) South High tech conf. room | BE145, | 12-16 |
| 2) South INC Open Space, | | 40 |

1 level up interior stairs from B level and turn east

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| 3) South conference room, off stairs | 145E, | 12-16 |
| 4) South interior conf. room | 129E, | 10 |

Break-out rooms available for meetings on Saturday morning:

<u>Room name</u>	<u>#</u>	<u>Occupancy</u>
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B level up exterior stairs to first level of building

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|-------------------------------|--------|-------|
| 1) South High tech conf. room | BE145, | 12-16 |
|-------------------------------|--------|-------|

2) *South INC Open Space,* 40

1 level up interior stairs from B level and turn east

3) *129E upstairs conference room south wing,* 10

4) *Auditorium (100)*