First Annual CBMM Retreat Agenda
McGovern Institute for Brain Research, MIT
August 22-23, 2015

Friday, August 21, 2015
5:00pm Brains, Minds and Machines Summer School faculty & TAs travel from MBL, Woods Hole to MIT

Saturday, August 22, 2015
8:00am – 9:00am Arrival & Registration
Light breakfast

9:00am – 9:15am Welcome and Opening Remarks
Presenter(s): Tomaso Poggio (MIT), Kenneth Blum (Harvard)

9:15am – 10:00am State of CBMM
Presenter(s): Tomaso Poggio (MIT) + Patrick H. Winston (MIT) + Lizanne DeStefano (UIUC)

10:00am – 11:00am What if Deep Learning is the Solution
Discussants: Josh Tenenbaum & Tomaso Poggio

11:00am – 12noon Strategic Management Plan
Attendees: CBMM PIs

Graduate Students Discussion
Facilitator: Lizanne DeStefano

Broadening Participation
Attendees: Faculty from diversity partner schools
Facilitator: Ellen Hildreth

Postdocs Discussion

12noon –1:00pm Lunch

1:00pm – 2:00pm Brainstorming/Discussion Sessions (parallel)

Ethical issues for AI and CBMM
Facilitator: Matthew Wilson

Ranking Turing++ Questions
Facilitators: Tomaso Poggio & Josh Tenenbaum

2:00 – 2:15pm Coffee break

2:15pm – 3:30pm Brainstorming/Discussion Sessions (parallel)

Long-term Vision for Education
Facilitator: Ellen Hildreth
Recommended for faculty

Bridging the Gap Between Low-Level Perception and High-Level Reasoning
Facilitators: CBMM Postdocs

3:30pm – 5:00pm Marketplace for Intelligence
Panel: Guruduth S. Banavar (IBM/Watson) Rodney Brooks (Rethink Robotics), Dorin Comaniciu (Siemens Healthcare), Mark Grabb (GE)
Chair: Boris Katz

5:00pm – 6:00pm Reception

6pm + Social activity led by CBMM Postdoc Group, details TBA
Sunday August 23, 2015

8:00am – 9:00am  Light breakfast  
**Open Session(s) Sign Up in Bldg 46 atrium**  
Participants will be invited  

9:00am – 10:00am  **Flash presentations**  
3 min research presentations from each CBMM Project  
Note: Maximum of 5 slides each  

10:00am – 10:30am  Coffee break  

10:30am – 11:45pm  **Flash presentations** (cont.)  

11:45am – 12:45pm  Brainstorming/Discussion Sessions *(parallel)*  
<table>
<thead>
<tr>
<th><strong>Open Session</strong></th>
<th><strong>Branding CBMM</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Facilitator: TBA</td>
</tr>
</tbody>
</table>

12:45pm – 1:30pm  Lunch  

1:30pm – 2:30pm  Brainstorming/Discussion Sessions *(parallel)*  
<table>
<thead>
<tr>
<th><strong>Open Session</strong></th>
<th><strong>Entrepreneurship, “Engineering-of-Intelligence” Ventures</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Facilitator: Ed Boyden</td>
</tr>
</tbody>
</table>

2:30pm – 3:30pm  Open Sessions *(parallel)*  
| **Open Session** | **Open Session** | **Open Session** |

Attendees are invited to propose discussion sessions. Sign up sheets for the sessions will be posted at breakfast.  

3:30pm – 3:45pm  Coffee Break  

3:45pm – 4:45pm  Open Sessions *(parallel)*  
| **Open Session** | **Open Session** | **Open Session** |

Attendees are invited to propose discussion sessions. Sign up sheets for the sessions will be posted at breakfast.  

4:45pm – 5:00pm  **Wrap up final remarks**  

5pm +  Brains, Minds and Machines Summer School faculty & TA(s) travel back to MBL, Woods Hole