

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q		
1	Brains, Minds and Machines Summer Course 2018																	
2				Morning			Afternoon											
3				9:15 - 10:30	10:30 - 10:45	10:45 - 12:00	12:00 - 1:30	1:30 - 2:45	2:45 - 3:00	3:00 - 4:30	4:30 - 6:00	6:00 - 8:00	8:00 - 9:00	9pm on				
4	Thur	Aug	9	Student/staff move in								Reception: 5pm Swope Terrace						LEGEND
5	Fri	Aug	10	<u>Tommy Poggio: Introduction to CBMM</u> <u>Gabriel Kreiman: Introduction to the summer course</u> <u>10am: Eric Schmidt</u>	<u>10am: Eric Schmidt</u>	<u>Eric Schmidt Student introductions [60 minutes]</u>	LUNCH	<u>MBL Orientation [30 minutes] Student introductions</u>	BREAK	TA introductions and contact info	Project introductions	Dinner	Project introductions	Project introductions			Lecture (Lillie auditorium) Seminar Talk (Lille)	
6	Sat	Aug	11	TUTORIALS	BREAK	TUTORIALS	LUNCH	<u>Nikos Logothetis</u>	BREAK	TUTORIALS	TUTORIALS	Dinner	Project discussion	Reception			Panel Discussion (Lillie)	
7	Sun	Aug	12	TUTORIALS	BREAK	TUTORIALS	LUNCH	TUTORIALS	BREAK	TUTORIALS	TUTORIALS	Dinner	Evening Seminar talk: Nikos Logothetis	Reception			Tutorial (Loeb 306)	
8	Mon	Aug	13	<u>Jim Dicarlo Visual recognition in primates</u>	BREAK	<u>Gabriel Kreiman: Recurrent computations in cortex</u>	LUNCH	TUTORIALS	BREAK	<u>Phillip Nelson: TBD</u>	TUTORIALS	Dinner	Evening Seminar talk: Leslie Valiant [need to confirm date]	Project discussion			Project (Loeb 306)	
9	Tue	Aug	14	<u>Lorenzo Rosasco: Machine learning 1</u>	BREAK	<u>Lorenzo Rosasco: Machine learning 2</u>	LUNCH	<u>Alexander Rakhlin: Theory of machine learning</u>	BREAK	<u>Lorenzo Rosasco: Machine Learning [?]</u>	<u>Lorenzo Rosasco: Machine Learning [?]</u>	Dinner	Evening Seminar talk: Jeff Lichtman: Does connectomics make sense?	Reception			Social (location TBD)	
10	Wed	Aug	15	TUTORIALS	BREAK	<u>Google X tutorials deep learning</u>	LUNCH	<u>Tomaso Poggio: A theory of deep learning: explaining the approximation, optimization and generalization puzzles</u>	BREAK	TUTORIALS	<u>Jack Hidy: TBD</u>	Dinner	Project work time	Project work time			Underlined speakers are confirmed	
11	Thur	Aug	16	<u>Josh Tenenbaum: Computational models of cognition</u>	BREAK	<u>Josh Tenenbaum: Computational models of cognition</u>	LUNCH	<u>Jeremy Wolfe: What are you searching for?.... and how do you do it?</u>	BREAK	Beach party?	Beach party?	Dinner	Massey Family MCN/BMM Lecture: Terry Sejnowski (Title To be announced)	Reception			Activity	
12	Fri	Aug	17	<u>Bob Desimone: Visual attention</u>	BREAK	<u>Winrich Freiwald: Faces and social interactions</u>	LUNCH	<u>Rebecca Saxe: Social perception</u>	BREAK	<u>Darin Comaniciu: Shaping the Future through Innovations: Artificial Intelligence for Healthcare</u>	Academia/Industry/Start-up AI panel [Location?]	Dinner	Project work time	Stargazing with Max?				
13	Sat	Aug	18	<u>Max Tegmark: Physics and deep learning</u>	BREAK	<u>Marge Livingstone: Functional Modules: what good are they and how do we get them?</u>	LUNCH	<u>Nancy Kanwisher: functional specificity of the human brain</u>	BREAK	<u>Stu Feldman: TBD</u>	Discussion Panel: Recent grads in industry panel	Dinner	Evening Seminar talk: Jack Hidy [most likely to be canceled, with presentation from Hidy a few days earlier]	Reception				

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14	Sun	Aug	19	Martha's Vineyard Trip							Return from Martha's Vineyard							
15	Mon	Aug	20	<u>Matt Wilson: Hippocampal mechanisms of memory and cognition</u>	BREAK	<u>Gabriel Kreiman: Memory in humans</u>	LUNCH	<u>Haim Sompolinsky: Computational Neuroscience</u>	BREAK	Discussion Panel: The Ethics of Artificial Intelligence. Matt Wilson and Max Tegmark [Location?]	Project work time	Dinner	Evening Seminar talk:	Reception Location: The 41-70 Restaurant 71 Water St, Falmouth, MA				
16	Tue	Aug	21	Project work time		Project work time		Project work time		Project work time	Project work time			Stony Beach Social 10-11:30pm				
17	Wed	Aug	22	Laura Schulz: Development 1	BREAK	Liz Spelke: Development 2	LUNCH	Shimon Ullman: The digital baby – innate mechanisms and learning in vision	BREAK	<u>Koch / Allen Institute presentation</u>	<u>Koch / Allen Institute presentation</u>	Dinner	Reverse Debate	Reception Location: The 41-70 Restaurant 71 Water St, Falmouth, MA				
18	Thur	Aug	23	Stephanie Tellex: Robotics		Project work time		<u>Andrei Barbu: Vision + Language</u>		<u>Josh McDermott: Auditory Scene Analysis</u>	<u>Roger Levy: Linguistics</u>	Dinner						
19	Fri	Aug	24	Project work time	BREAK	Project work time	LUNCH	Project work time	BREAK	Project work time	Project work time	Dinner						
20	Sat	Aug	25	Team Challenge - Boats?	BREAK	Team Challenge [Location?]	LUNCH	Patrick Winston: AI / Language 1	BREAK	<u>Boris Katz: AI / Language 2</u>	<u>Sam Gershman: Structure learning and the growth of knowledge</u>	Dinner	Project work time	Project work time				
21	Sun	Aug	26	Project work time	BREAK	Project work time	LUNCH	Project work time	BREAK	Project work time	Project work time	Dinner	Project work time	Ice cream social?				
22	Mon	Aug	27	Project work time	BREAK	Project work time	LUNCH	Project work time	BREAK	Project work time	Project work time	Dinner	Project work time					
23	Tue	Aug	28	Project work time	BREAK	Student Presentations	LUNCH	AI Panel	BREAK	Student Presentations	Student Presentations	Dinner	Project work time					
24	Wed	Aug	29	Project work time	BREAK	Student Presentations	LUNCH	Student Presentations	BREAK	Student Presentations		Closing Reception 7pm TBD						
25	Thur	Aug	30	Student/Staff Move out														