Date	Paper	Background Presenters	Paper Presenters
11-Jan	Newell and Simon	Prof. Laird	
14-Jan	AI as Empirical Science	Prof. Laird	
16-Jan	AI as Empirical Science	Prof. Laird	
21-Jan	Martin Luther King, Jr. Day - No Class		
23-Jan	Funding and Talks	Prof. Laird	
28-Jan	Simmons, Joseph P., Leif D. Nelson, Uri Simonsohn, False-Positive Psychology: Undisclosed Flexibility in Data Collection and Analysis Allows Presenting Anything as Significant, Psychological Science, 22(11), 2011	Belth, Hofesmann	Tjandra, Xu
30-Jan	Rescorla, Michael, "The Computational Theory of Mind", *The Stanford Encyclopedia of Philosophy* (Spring 2017 Edition), Edward N. Zalta (ed.), https://plato.stanford.edu/archives/spr2017/entries/computational-mind	Brooks, Carvalho	Castro, Zhang
4-Feb	Laird, J. E., Lebiere, C., Rosenbloom, P. S. (2017). A Standard Model of the Mind: Toward a Common Computational Framework across Artificial Intelligence, Cognitive Science, Neuroscience, and Robotics. AI Magazine.	Salvador, Sheetz	Bara, Narasimhadevara
6-Feb	Bauer and Just, Neural Representations of Concept Knowledge, The Oxford Handbook of Neurolinguistics	Schatz, Shen	Boggs, Li
11-Feb	**Project Proposals**	Everyone	
13-Feb	Lake, Brenden M., Tomer D. Ullman, Joshua B. Tenenbaum, and Samuel J. Gershman, Building Machines That Learn and Think Like People, Behavioral and Brain Sciences, 2016.	Matton, Pavlasek	Belth, Biester
18-Feb	Miller, T. 2019, Artificial Intelligence, 267, 1-38. Explanation in artificial intelligence: Insights from the social sciences	Castro, Ashkan	Hofesmann, Ramesh
22-Feb	Bostrom, Nick. "Strategic implications of openness in AI development." Global Policy 8.2 (2017): 135-148.	Rahman, Shatkin	Adams, Salavador
25-Feb	Goodfellow, Ian J., Jean Pouget-Abadie, Mehdi Mirza, Bing Xu, David Warde-Farley, Sherjil Ozair, Aaron Courville, Yoshua Bengio, Generative Adversarial Networks, 2014, https://arxiv.org/abs/1406.2661	He, Kamran	Chen, D., Ignat
27-Feb	Kirkpatrick, J., Pascanu, R., Rabinowitz, N., Veness, J., Desjardins, G., Rusu, A. A., & Hassabis, D. (2017). Overcoming catastrophic forgetting in neural networks. Proceedings of the National Academy of Sciences, 201611835.	Fu, Tjandra	Baker, Carvalho
4-Mar	**Winter Semester Break - No Class**		

6-Mar	**Winter Semester Break - No Class**		
11-Mar	Carlini, Nicholas, and David Wagner. "Towards evaluating the robustness of neural networks." 2017 IEEE Symposium on Security and Privacy (SP). IEEE, 2017.	Bara, Rockwell	Jang, Shen
13-Mar	Liu, S., Huang, D., Wang, Y., Bodla, N., Singh, B., Chellappa, R., Sun, G. (2017). Faster r-cnn: Towards real-time object detection with region proposal networks. Nips, 39(6), 91–99.	Attanayake, Ignat	Chen, X., Romana
18-Mar	Michael Schmidt and Hod Lipson, Distilling Free-Form Natural Laws from Experimental Data, Science, Jan. 10, 2019	Boggs, Zhong	Karmran, Kazemi
20-Mar	**Project Status**		
25-Mar	Dermatologist-level classification of skin cancer with deep neural networks Esteva, A. (Dept. of Electr. Eng., Stanford Univ., Stanford, CA, United States); Kuprel, B.; Novoa, R.A.; Ko, J.; Swetter, S.M.; Blau, H.M.;Thrun, S. Source: Nature, v 542, n 7639, p 115-25, 2 Feb. 2017	Lahnala. Xu	He, Yang
29-Mar	Volodymyr Mnih, Koray Kavukcuoglu, David Silver, et al., Human-level control through deep reinforcement learning, Nature, 2015.	Adams, Narasimhadevara	Rockwell, Sheetz
1-Apr	Hester, Todd and Stone, Peter, Intrinsically motivated model learning for developing curious robots, Artificial Intelligence, 2015	Baker, Ramesh	Fu, Pavlasek
3-Apr	Silver, David, et al. "A general reinforcement learning algorithm that masters chess, shogi, and Go through self-play" Science 07 Dec 2018: Vol. 362, Issue 6419, pp. 1140-1144; DOI: 10.1126/science.aar6404	Chen, X., Li	Attanayake, Zhong
8-Apr	Graves, A., Wayne, G., Reynolds, M., Harley, T., Danihelka, I., Grabska-Barwińska, A., & Badia, A. P. (2016). Hybrid computing using a neural network with dynamic external memory. Nature, 538(7626), 471-476.	Jang,Zhang	Brooks, Matton
10-Apr	Achieving Human Parity on Automatic Chinese to English News Translation; https://www.microsoft.com/en-us/research/publication/achieving-human-parity-on-automatic-chinese-to-english-news-translation/	Biester, Yang	Lahnala, Rahman
15-Apr	Séverin, Lemaignanab, Mathieu, WarnieraE. AkinSisbotaAurélieClodicaRachidAlamia, Artificial cognition for social human–robot interaction: An implementation, Artificial Intelligence, 247, 45-69	Chen, D., Romona	Schatz, Shatkin
17-Apr	**Project Presentations**		
22-Apr	**Project Presentations**	Everyone	