

Date	Topic	Name1	Name2	Name3
January 31	1. Advanced CNN architectures	Hong Cheng	Akshay Mishra	
February 2	2. Advanced training techniques	Prajit Ramachandran		
February 7	3. Network compression, speedup	Shuochao Yao	Yiwen Xu	Daniel Calzada
February 9	4. Object detection	Jiajun Lu	Sihao Liang	Kevin Perkins
February 14	5. Semantic segmentation, dense labeling	Liwei Wang		
February 16	6. Similarity learning	Moitrey Chatterjee	Yunan Luo	
February 21	7. Visualization, adversarial examples	Ralf Gunter	Jiahui Yu	Aneja Jyoti
February 23	8. Generative adversarial networks	Shashank Gupta	Bhargav Mangipudi	Binglin Chen
February 28	9. Variational autoencoders	Raymond Yeh	Junting Lou	Teck Yian Lim
March 2	10. Advanced generation methods	Ameya Patil	Hsiao-Ching Chang	Anand Bhattad
March 7	11. 3D + graphics	Qi Zhu	Juho Kim	
March 9	12. Self-supervised learning	Pratik Lahiri	Christian Followell	Nathan Russell
March 14	13. Deep reinforcement learning: Q learning	Unnat Jain	Garima Lalwani	Karan Ganju
March 16	14. Deep reinforcement learning: policy gradients, planning	Rajbir Kataria	Tanmay Gupta	Zhizhong Li
March 28	15. Deep learning for manipulation, navigation	Derek Chen	Andrey Zaytsev	Tanmay Gangwani
March 30	16. Recurrent architectures	Anusri Pampari	Abhishek Narwekar	
April 4	17. Image captioning	Anjali Narayan-Chen	Liaonan Xie	Ruihan Shan
April 6	18. Image-text embeddings, grounding	Qing Ye	Yang Liu	
April 11	19. Visual question answering	Liang-Wei Chen	Zubin Pahuja	Shuai Tang
April 13	20. Deep learning for NLP	Quan Wan	Zequi Wu	Dongming Lei
April 18	21. Deep learning for machine translation	Shaoshi Ling	Yiren Wang	Yisi Liu
April 20	22. Deep learning for audio (can be switched to a different topic by agreement of group and instructor)	Chris Shroba	Yuchen Fan	Matt Potok
April 25	23. Architectures with memory	Shreya Rajpal	Nitish Gupta	Ashwini Raina
April 27	24. Meta-algorithms	Safa Messaoud	Mariya Vasileva	