

Astro – Cosmo – Particles – Data Science Workshop at New York University



Time	Speaker	Title
9:58 – 10:30 AM	Glennys Farrar, CCPP Kyle Cranmer, CCPP	2-Minute Welcome Overview and Dictionary
10:30 – 12:30 PM	Joan Bruna Estrach, NYU-CDS Ragesh Ranganath, NYU-CDS	Geometric Deep Learning Black Box Variational Inference
12:30 – 1:30 PM	Lunch Break	
1:30 – 4:00 PM	Mike O'Neil, NYU-CDS	Gaussian Processes: Fast algorithms and applications
	Ben Wandelt, IAP-SCCA	Likelihood Free Inference for Cosmology
	Johann Brehmer, CCPP	Likelihood Free Inference for Particle Physics
	Kyle Cranmer, CCPP	Recap and Closing Remarks
4:00 – 5:30 PM	Reception and further discussion	

Pizza Lunch funded by Moore-Sloan Foundation
 Reception sponsored by the NYU Physics Department
 Coffee breaks thanks to CCPP