

“机器学习与多体物理”日程

中科院物理研究所M楼, 2016.11.29-30

11.29 Tue 236会议室	9:00-9:10	Opening	
	9:10-10:10	王宝勋	Brief Introduction to Deep Learning Models & The Applications
	10:10-10:40	Break	
	10:40-11:40	王磊	Machine Learning for Many-Body Physics: A Survey of Recent Literatures
		Lunch	
	14:00-14:45	李晓鹏	Machine learning topological phases
	14:45-15:30	蔡子	The expressibility of artificial neural networks in the quantum many-body physics
	15:30-16:00	Break	
	16:00-17:00	程嵩 乐宏昊	Tutorial: Fun with Neural Nets
11.30 Wed 830会议室	9:00-10:00	苑明理	An Introduction to Machine Learning
	10:00-10:30	Break	
	10:30-11:15	张潘	Spectral detection of global structures in the noisy data
	11:15-11:40	任宏斌	Machine Learning and Molecular Simulations
		Lunch	
	14:00-15:00	孟子杨	Self-learning Monte Carlo Method
	15:00-15:30	许霄琰	Self-learning Quantum Monte Carlo Method
	15:30-16:00	Break	
	16:00-17:00	Discussion and Summary	