

“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

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|---------------------|-------------|------------------------|---|
| 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 |
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| 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 | |