

Computer Science

Session **H**

Room: 224 Jorgensen

1:00 - 1:20 PM	Robert R. Walker	x86-64 to ARM Assembly Language	Adam Blank <i>Teaching Professor of Computing and Mathematical Sciences</i> Ethan Ordentlich <i>Teaching Assistant Professor of Computing and Mathematical Sciences</i>
1:20 - 1:40 PM	Ellie Chen	Redesigning Caltech CS 2 to Support All Students' Experience	Adam Blank <i>Teaching Professor of Computing and Mathematical Sciences</i>
1:40 - 2:00 PM	Tobjorn L. Nelson	Restructuring Caltech's CS 2 to Support Students of All Majors	Adam Blank <i>Teaching Professor of Computing and Mathematical Sciences</i>
2:00 - 2:20 PM	Apoorva V. Thanvantri <i>Mary Atwater SURF Fellow</i>	Improving EV Aggregate Flexibility With End-to-end Learning	Adam C. Wierman <i>Carl F Braun Professor of Computing and Mathematical Sciences</i> Christopher T. Yeh <i>Graduate Student in Computing and Mathematical Sciences</i> Nicolas Christianson <i>Postdoctoral Scholar in Computing and Mathematical Sciences</i>
2:20 - 2:40 PM	Yuehan Diao University of Chicago	Prediction Selection in Two-player Games	Adam C. Wierman <i>Carl F Braun Professor of Computing and Mathematical Sciences</i> Tinashe Handina <i>Graduate Student in Computing and Mathematical Sciences</i>
2:40 - 2:50 PM	BREAK		

2:50 - 3:10 PM	Miles M. Waugh University of California, Irvine	Fourier Neural Operators for Time Dynamics of Antiferromagnetic Mott Insulators	Anima Anandkumar <i>Bren Professor of Computing and Mathematical Sciences</i> Chuwei Wang <i>Graduate Student in Computing and Mathematical Sciences</i>
3:10 - 3:30 PM	Shizhao Zheng University of Toronto	Quantum Wavefronts: Fourier Neural Operators in Variational Monte Carlo	Anima Anandkumar <i>Bren Professor of Computing and Mathematical Sciences</i> Chuwei Wang <i>Graduate Student in Computing and Mathematical Sciences</i>
3:30 - 3:50 PM	Akshay Ghandikota Brown University	Neural Operators for Wildfire Spread in California	Anima Anandkumar <i>Bren Professor of Computing and Mathematical Sciences</i> Jiachen Yao <i>Graduate Student in Computing and Mathematical Sciences</i>
3:50 - 4:10 PM	Thomas Y. Lin National Taiwan University <i>BaBar SURF Fellow</i>	Learning Physics Causality for Inverse PDEs in Generative Neural Operators	Anima Anandkumar <i>Bren Professor of Computing and Mathematical Sciences</i> Jiachen Yao <i>Graduate Student in Computing and Mathematical Sciences</i>
4:10 - 4:30 PM	Dean Yao	Forecasting Alzheimer's Disease Progression Using Brain-Age Slopes and Longitudinal MRI	Pratik Chaudhari <i>Assistant Professor of Electrical and Systems Engineering, University of Pennsylvania</i> Elena Mantovan <i>Taussky-Todd-Lonergan Professor of Mathematics</i>
4:30 - 4:50 PM	Kailen A. Hargenrader <i>Toni and Bob Perpall SURF Fellow</i>	Faster Attention for Large Language Models	Yisong Yue <i>Professor of Computing and Mathematical Sciences</i> Ivan D. Jimenez Rodriguez <i>Graduate Student in Computing and Mathematical Sciences</i>