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CHAI Seminar Series

DATE: **Monday, April 1, 2024, 12:00-1:00 PM**

SPEAKER: **Peter Sadowski, PhD**
Associate Professor of Computer Science, University of Hawaii Manoa

TITLE: **How AI is Accelerating Science**

REGISTRATION LINK: https://rit.zoom.us/webinar/register/WN_j4wN78QJRTqSqtrRvVkDTg



ABSTRACT: Recent advances in AI have demonstrated the surprising power of machine learning on large amounts of data. Advances in language and vision modeling have received lots of attention, but AI is similarly revolutionizing many areas of science. This talk will describe general trends and give some specific examples from our work at UH, with examples of simulation based inference for astronomy and generative AI for weather modelling.

BIO: **Peter Sadowski** is an Associate Professor of Computer Science at the University of Hawaii Manoa. He completed his Ph.D. at University of California Irvine, and his undergraduate studies at Caltech. His research focuses on machine learning and applications to the physical sciences, with funding from NASA, DOE, and a CAREER award from NSF.

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