



PHYSICS AND ASTRONOMY ARCNet SPECIAL SEMINAR

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“The continuing voyages of StarNet: Deep learning of optical spectra”

Abstract

Due to the successful application of our deep learning framework, StarNet, in the prediction of stellar properties of infrared spectra from the APOGEE survey, an analysis of FLAMES-UVES optical spectra from the Gaia-ESO survey was conducted. I will show the exciting results from this analysis and discuss how and why StarNet and various machine learning methodologies should be used in upcoming spectroscopic surveys.

Thursday, December 13, 2018

3:00 p.m.

**HAA - Herzberg Astronomy and Astrophysics
(5071 West Saanich Rd. Victoria, BC)**

Large conference room