

2021—2022 ASTROPHYSICS SEMINAR SERIES**The future of massively multiplexed spectroscopy:
The Maunakea Spectroscopic Explorer**

The Maunakea Spectroscopic Explorer (MSE) is a planned next generation massively multiplexed spectroscopic facility that is completely dedicated to optical and near-Infrared spectroscopy of samples of thousands to millions of astrophysical objects at resolutions from $R \sim 3,000$ to $R \sim 40,000$. With science goals spanning all of astronomy, from detailed chemical abundance studies of nearby stars to investigating the cosmology of the early Universe, MSE will provide key next-generation science capabilities that will revolutionize the field. In this talk I will review the conceptual design of the facility and provide an overview of MSE's wide range of scientific capabilities.

***Tuesday* February 22nd**

3:30 - 4:30 p.m.

See website for Zoom details

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