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Herschel's view of low-mass star formation

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Dr. Greg Herczeg is a Bairen Research Professor at Kavli Institute for Astronomy and Astrophysics, Peking University. He did his Ph.D at the University of Colorado. He was a postdoctoral scholar at Caltech since 2005. His research interest lies primarily in Accretion onto young stars, disk dissipation mechanisms and disk structure, observational diagnostics of wind launching mechanisms, pre-main sequence stellar evolution, chromospheric and coronal activity around dwarf stars.

Abstract

The Herschel Space Observatory is currently providing an unprecedented view of the far-infrared sky. Herschel's unique spectral and imaging capabilities in this key wavelength region are revolutionizing our views of star and planet formation. In this talk, I will review how Herschel has changed our understanding of pre-main sequence stellar evolution, including the



structure of cold molecular clouds and initial collapse of a protostar, feedback between the star and surrounding envelope, and the structure and chemistry of proto-planetary disks.

All are welcome! Tea, coffee, biscuits will be served at 2:45 P.M.

You are welcome to nominate speakers to Shude Mao (shude.mao@gmail.com), Licai Deng (licai@bao.ac.cn), Xuelei Chen (xuelei@cosmology.bao.ac.cn).