

国台学术报告 NAOC COLLOQUIUM

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TIME: Friday 2:00 PM, Oct. 21, 2011

LOCATION: A601 NAOC

The Extreme Visual Explorer (EVE) at E-ELT: a multi-object spectrograph for stellar, galactic & extragalactic physics



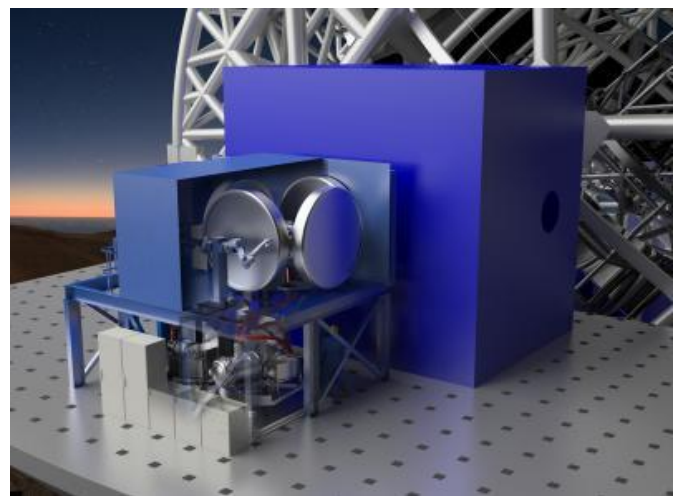
Prof. Francois Hammer

Observatoire Meudon

Dr. Hammer studies in cosmology, with a special focus on distant galaxies. He participated in Canada France Redshift Survey. He created the first 3D spectroscopy of distant galaxies (kinematics, chemistry & morphology). He is more focused on instrumentation, and is the PI of FLAMES/GIRAFFE at VLT (installed in 2002), the French PI of X-SHOOTER at VLT (installed in 2009) and the PI of EVE for the E-ELT.

Abstract

EVE is a fibre-fed, visual-to-infrared multi-object spectrograph designed to explore the largest field of view provided by the E-ELT at seeing or GLAO limited conditions. EVE can detect planets in nearby galaxies, explore stellar populations beyond the Local Group, and probe the physical conditions of the IGM and in galaxies including the most distant ones accessible with the E-ELT. While this instrument is unique for stellar and galactic studies (R up to 28000), the adaptable apertures provided by its integral field units, made EVE very competitive for searches and studies of the most distant galaxies, which are gas-rich and show very extended ionised gas emissions.



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).