

National PhD School in Astrophysics Scuola Nazionale di Dottorato in Astrofisica "Francesco Lucchin"

Asiago, 24-30 October 2010

The Infrared Universe; the Herschel and Alma eras (Directors: Cesare Chiosi & Giulia Rodighiero)

Lecturers: P. Andreani, C. Gruppioni, R. Maiolino, L. Piovan, G. Rodighiero, L. Spinoglio, M. Vaccari,

Topics: The Herschel Mission, The IR Surveys and their follow up, Spectroscopy with Herschel, Modelling galaxies in the IR, Future IR observations with ALMA

GAIA: the milestone of the distance scale (Director M. Lattanzi)

Lecturers: M. Lattanzi, J. de Bruijne, L. Lindegren, A. Crosta, A. Vecchiato, G. Clementini, A. Vallenari, R. Bellazzini, A. Sozzetti

Topics: Astrometry in the Era of Cosmology, The Gaia Mission, Gaia's Global Astrometry, Relativistic Astrometry, Experiments in Fundamental Physics, The Distance Scale in the GAIA era, Stellar Populations of the Galactic Disk and Bulge, GAIA and the Extra-solar Planets

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