Dipartimento di Fisica e Astronomia Galileo Galilei

Università degli Studi di Padova

Excellence Program "Physics of the Universe"

COLLOQUIUM

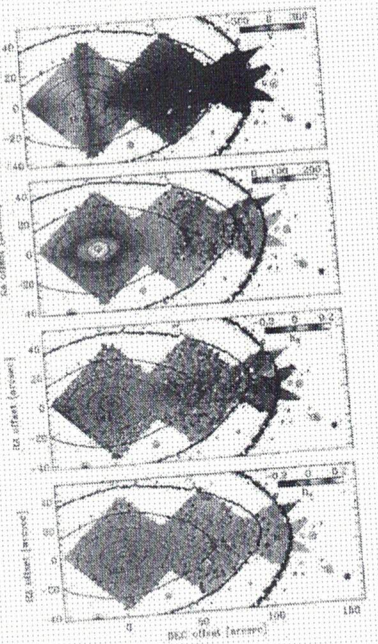
Lunedì 4 Marzo 2019, ore 15:30

Aula B - Dipartimento di Fisica e Astronomia "G. Galilei"

Tim de Zeeuw

Leiden University

Integral field spectroscopy of galaxies



The talk will briefly outline the development of optical integral-field spectroscopy and its application to the study of galaxies. It will highlight some of the key achievements and include initial results for the galaxies in the core of the nearby Fornax cluster of galaxies obtained with the transformational MUSE instrument on the Very Large Telescope as part of the F3D project.

Biography Tim De Zeeuw received his PhD degree from Leiden University in 1984. He subsequently held fellowships at the Institute for Advanced Study and at the California Institute of Technology before returning to Leiden in 1990 as professor of theoretical astronomy. His research focuses on the formation, structure and dynamics of galaxies including our own Milky Way. He was co-PI of the SAURON project, which combined theoretical modelling and ground-breaking integral-field spectroscopy to transform our understanding of the nature and formation of early-type galaxies. He directed the Netherlands Research School for Astronomy NOVA and the Leiden Observatory. He was Director General of ESO from 2007-2017. He has since returned to Leiden. De Zeeuw received the 2001 Prix Descartes-Huygens, the 2010 Brouwer Award of the Dynamical Division of the American Astronomical Society, and holds honorary doctorates from the Universities of Lyon, Chicago and Padua.