

Centres of Galaxies

Theory Meets Observations

**17th Vatican Observatory
Summer School**
in Astrophysics



1-26 June 2020
Castel Gandolfo, Italy

The centres of galaxies provide superb laboratories for studying the interplay between stellar dynamics, hydrodynamics, star formation, stellar feedback, and supermassive black holes. New technological developments, such as high-resolution integral field spectrographs with adaptive optics, allow us to study these regions with an unprecedented level of detail.

This course of lectures and hands-on projects will provide young researchers with a thorough preparation for understanding the observed properties of galaxy centres and the theory behind them.

FACULTY

Witold Maciejewski (Chair)

Liverpool John Moores University, UK

Guy Consolmagno, S.J. (Director)

Vatican Observatory

Richard D'Souza, S.J. (Dean)

Vatican Observatory

Peter Erwin

MPE, Germany

Isabel Pérez

Universidad de Granada, Spain

Daniel Pfenniger

Université de Genève, Switzerland

Kanak Saha

IUCAA, India

CONTACT:

Vatican Observatory
V-00120 Vatican City State
Tel.: +39 06 69885266
Fax: +39 06 69884671
e-mail: school@specola.va



Complete the application form at vaticanobservatory.va by **31 October 2019**