

# Stellar Variability

*in the Era of Large Surveys*

Vatican Observatory  
Castel Gandolfo

16<sup>th</sup> Summer School  
in Astrophysics

04 - 29 June 2018

## FACULTY

Dante Minniti (Chair),  
Univ. Andres Bello/MAS/CATA, Chile

Guy Consolmagno, S.J. (Director),  
Vatican Observatory

Alessandro Omizzolo (Dean),  
Vatican Observatory, INAF-OAPD

Giuseppe Bono,  
University of Rome Tor Vergata, Italy

Dana I. Casetti,  
Southern Connecticut State University, USA

Marina Rejkuba,  
European Southern Observatory, Germany

Large ground and space-based photometric, spectroscopic, and astrometric surveys now coming online are changing the astronomical landscape, expanding our tools for the exploration of the universe.

Variable astronomical sources can be harvested by the thousands, including RR Lyrae, Cepheids, Miras, eclipsing binaries, etc., massively exploring both the time domain and the multiwavelength domain.

This is a revolution in studies of the Milky Way and nearby galaxies, which can be explored now in unprecedented detail.

CONTACT: Guy Consolmagno, S.J. (Director)  
Specola Vaticana  
V-00120 Vatican City State - Rome, Italy  
Tel.: +39 06 69885266 Fax: +39 06 69884671  
e-mail: school@specola.va



Complete the **application form** at [vaticanobservatory.va](http://vaticanobservatory.va) by **31 October 2017**