

*Scuola Studi Superiori "G. Leopardi" - Univ. Macerata*  
Consolmagno Seminar:  
Studying Planets, from Medieval to Modern Times

*Note: course to be presented in English*

*I will accept questions and discussion in Italian or English*

Outline:

Monday, 13 November

1. Cosmologies and scripture
2. Golden ages and the mode of science
3. Copernicus and Tycho Brahe

Tuesday, 14 November

1. Galileo: Science and politics
2. Discoveries of planets and our place in the universe
3. Secchi: Changing the question (Europa story)
4. Percival Lowell and planets in disrepute

Wednesday, 15 November

1. A brief history of the space age
2. Pluto and the definition of a planet
3. Exoplanets and SETI

Bibliography:

- Brown, M. E., 2010, *How I Killed Pluto (And Why It Had It Coming)*, Spiegel & Grau.
- Crowe, M.J. 1990. *Theories of the World from Antiquity to the Copernican Revolution*. Dover.
- Consolmagno, G. and Mueller, P. 2014. *Would You Baptize an Extraterrestrial?* Image Books.
- Danielson, D.R., ed. 2000. *The Book of the Cosmos: Imaging the Universe from Heraclitus to Hawking*. Cambridge, MA: Perseus.
- Heilbron, J. L. 2010. *Galileo*. Oxford University Press.
- Jayawardhanad, Ray. 2011. *Strange New Worlds: The Search for Alien Planets and Life Beyond Our Solar System* Princeton University Press.
- Lewis, C.S. 1967. *The Discarded Image: An Introduction to Medieval and Renaissance Literature*. Cambridge University Press.
- Olberg, J. 1981. *Red Star in Orbit*. Random House.