

Course title	MILLISECOND PULSARS: THEORY AND OBSERVATIONS
Instructors	T. Di Salvo, R. Iaria
N of hours	15
Description:	Introduction to the properties of Millisecond Pulsars, isolated and in binary, and their evolutive connections.
Contents	<ul style="list-style-type: none"> <li>• Classification and basic properties of isolated and binary millisecond pulsars, and emission mechanisms</li> <li>• Formation and evolution: the recycling scenario</li> <li>• Theory of spin and orbital evolution</li> <li>• Spectral and timing properties of Accreting Millisecond pulsars</li> <li>• Evidences of non conservative mass transfer</li> <li>• Multi-wavelength observations and future perspective</li> </ul>