

PROGRAM OF 3rd HEL.A.S./DAAD Summer School 2018

	Mo 8/10	Tu 9/10	We 10/10	Th 11/10	Fr 12/10
08:30 - 09:15	Registration				
09:15 - 10:30	Neutron Stars and Gravitational Waves: An Overview KOKKOTAS	Gravitational Waves Theory I APOSTOLATOS	Neutron Star Oscillations STERGIOULAS	LISA AMARO-SEOANE	Magnetars GABLER
10:30 - 11:00	coffee break	coffee break	coffee break	coffee break	coffee break
11:00 - 12:15	Neutron Star Structure STERGIOULAS	Gravitational Waves Theory II AMARO-SEOANE	GWs from compact object inspiral APOSTOLATOS	Binary Neutron Star mergers BAUSWEIN	Neutron Stars in Alternative Theories of Gravity KOKKOTAS
12:15 - 13:15	Nuclear Density Functional Theory: Application to Nuclear Astrophysics LALAZISIS	Supernovae GABLER	Detection of GWs from BNS merger events CHATZIOANOU	Gravitational Wave Data Analysis CHATZIOANOU	EOS constraints from BNS mergers BAUSWEIN
13:15 - 16:15	lunch break	lunch break		lunch break	
16:15 - 17:15	Relativistic NS EOS GAITANOS	Nuclear EOS for NS and SN MOUSTAKIDIS		Open source codes (GWpy) CHATZIOANNOU	
17:15 - 17:30	break	break		break	
17:30 - 18:00	Probing the Nature of Compact Objects VOELKEL	eXtreme gravity with X rays NAMPALLIWAR		Andrew Coates	
18:00- 18:30	Open source codes (RNS) IOSIF	Open source codes (EINSTEIN TOOLKIT) SOULTANIS	17:30 - 19:15 Guided tour at the Archeological Museum of Thessaloniki		
	21:00 Concert		20:00 Official dinner		
Morning lectures @ the Central Library of AUTH (lower level)					
Afternoon lectures @ the Astronomical Observatory of AUTH					