

04-023 Asteroseismology and Exoplanets

IVth Azores International Advanced School in Space Sciences

July 2016: Horta - Faial - Azores - Portugal

	17 Sun	18 Mon	19 Tue	20 Wed	21 Thu	22 Fri	23 Sat	24 Sun	25 Mon	26 Tue	27 Wed	
Time	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	
08:15-08:30		Welcome address					Free Day	Excursion to Pico				
08:30-10:00		CA1	CA3	CA3	CA6	CA7				CE3	CE5	CE7
10:00-10:30		Coffee	Coffee	Coffee	Coffee	Coffee				Coffee	Coffee	Coffee
10:30-12:00		CA1	CA4	CA5	CA6	CE1				CE3	CE6	CE7
12:00-14:00												
14:00-14:30		Lunch	Lunch	Lunch	Lunch	Lunch				Lunch	Lunch	Lunch
14:30-16:00		CA2	TA1	Excursion to Cabeço Gordo (Caldera)	TA2	CE2				CE4	TE1	CE8
16:00-16:30	Arrivals/ Registration	Coffee				Coffee				Free Day	Coffee	Coffee
16:30-17:00		CA2	Coffee			Coffee			CE2		CE4	Coffee
17:00-18:00			TA1									
18:00-18:30	Reception/ Icebreaker					TA2						
18:30-19:00												
19:00-19:30												
19:30-21:00									Tertúlia			
21:00-22:30					Exoplanet Landscape	Social Dinner						

Course no.	Duration	Course name	Lecturer 1	Lecturer 2	
CA1	3,0	An Introduction to Stellar Modeling	V. Silva Aguirre		
CA2	3,0	Theory of Stellar Oscillations	M. Cunha		
CA3	3,0	Heliostromology and the Solar-Stellar Connection	G. Davies		
CA4	1,5	Data Analysis in Asteroseismology	T. Campante		
CA5	1,5	Stellar Inversion Techniques	D. Reese		
CA6	3,0	Asteroseismology of Red Giants and Galactic Archaeology	S. Hekker		
CA7	1,5	Synergies between Asteroseismology and Exoplanetary Science	D. Huber		
CE1	1,5	Exoplanetary Science: An Overview	N. Santos		
CE2	3,0	Analysis of Photometric Time Series	T. Barclay		
CE3	3,0	Deriving High-Precision Radial Velocities	P. Figueira		
CE4	3,0	Modeling Light and Velocity Curves of Exoplanet Hosts	R. Díaz		
CE5	1,5	Characterization of Exoplanet-Host Stars	V. Adibekyan		
CE6	1,5	Noise Sources in Photometry and Radial Velocities	M. Oshagh		
CE7	3,0	Theory of Planetary Formation and Migration	C. Mordasini		
CE8	1,5	Exoplanet Atmospheres	D. Ehrenreich		
Tutorial no.	34,5	Tutorial name	Lecturer 1	Lecturer 2	
TA1	4,0	Asteroseismic Data Analysis with DIAMONDS	E. Corsaro	T. Campante	
TA2	4,0	Asteroseismic Stellar Modeling with AIMS	M. Lund	D. Reese	
TE1	4,5	Detecting Planetary Transits and Radial-Velocity Signals	S. Barros	J. Faria	
TE2	2,0	Measuring Stellar Atmospheric Parameters	N. Santos	D. Andreasen	
Public event no.	14,5	Public event name	Speaker/Chair	Speaker/Chair	Speaker/Chair
P1	1,5	"The Exoplanet Landscape: Present and Future"	P. Figueira		
P2	1,5	"Tertúlia: The Future in Asteroseismology and Exoplanet Research"	N. Santos	M. Monteiro	T. Campante
	3,0				

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