



Astronomical Data Analysis 2016 Summer School

May 22–24 Chania Greece

	Sunday, 22	Monday, 23	Tuesday, 24
09:00	Registration		
09:20	Welcome message		
09:30	George Djorgovski (Caltech)	Iasonas Kokkinos (INRIA)	Sophia Sulis
09:50			Keir Rogers
10:10			Sara Jamal
10:30	Coffee break	Coffee break	Coffee + Posters
10:50	Sparsity Tutorial (Samuel Farrens/CEA)	Bayesian Tutorial (Roberto Trotta/Imperial, Rafael S. de Souza/ELTE, Joe Hilbe/IAA)	Mario Bonamigo
11:10			Dorota Bayer
11:30			Anna Niemiec
11:50			Summer School closing
12:10			
12:30			
13:00	Lunch	Lunch	Lunch
13:30	Sparsity Tutorial (Samuel Farrens/CEA)	Bayesian Tutorial (Roberto Trotta/Imperial, Rafael S. de Souza/ELTE, Joe Hilbe/IAA)	COSMO 21 Day 1
14:30			
14:50			
15:10			
15:30			
15:50			
16:10	Coffee break	Coffee break	
16:30	Sparsity Tutorial (Samuel Farrens/CEA)	Bayesian Tutorial (Roberto Trotta/Imperial, Rafael S. de Souza/ELTE, Joe Hilbe/IAA)	
16:50			
17:10			
17:30			
17:50			
18:00	Closing of ADA8 Day 1	Closing of ADA8 Day 2	

	Tutorial sessions
	Keynote speakers
	Contributed talks
	COSMO 21 Conference

Keynote Talks – 22nd and 23rd May

22nd May – From Space to Cyberspace: Evolving Scientific Methodology in the 21st Century
George Djorgovski (Caltech/CD3)

23rd May – Deep Convolutional Neural Networks for Low- and High-Level Problems in Computer Vision
Iasonas Kokkinos (INRIA-Saclay and Center For Visual Computing)

Contributed Talks – 24th May

9h30 – Statistical analysis of an extrasolar planet detection approach based on hydrodynamical simulations
Sophia Sulis (Observatoire de la Côte d'Azur)

9h50 – Spin-SILC: CMB polarisation component separation with spin directional wavelets
Keir Rogers (University College London)

10h10 – zBayes : Bayesian approach for the spectroscopic redshift estimation
Sara Jamal (Aix Marseille University, CNRS, LAM)

11h10 – MCclusters: a Bayesian code for multi-wavelength triaxial galaxy cluster modelling
Mario Bonamigo (Laboratoire d'Astrophysique de Marseille)

11h30 – Surface Brightness Anomalies in High-Resolution Observations of Strong Lenses
Dorota Bayer (Kapteyn Astronomical Institute)

11h50 – Halo mass measurement of satellite galaxies in CS82 and CFHTLens
Anna Niemiec (Laboratoire d'Astrophysique de Marseille)