

ADASS XVII Meeting Programme

Sunday, 23 September			
11:00	20:00	Registration	Foyer
13:00	19:00	Poster/Demo Setup	
Tutorial Sessions			Small Hall
13:00	15:15	3D Visualisation in Astronomy	J. Kauffmann
15:15	15:45	Coffee Break	
15:45	18:00	Data Mining in Astronomy	S. McConnell
19:00	21:00	Opening Reception	Main Foyer
Monday, 24 September			
Session 1: Data Preservation			Great Hall
08:30	08:45	Welcome, Opening Remarks	
08:45	09:15	Data Preservation and the Virtual Observatory	R. Mann (invited)
09:15	09:45	Trusted Data Repositories	D. Giaretta (invited)
09:45	10:00	Long-Term Preservation of Astronomical Research Results	R. Hanisch
10:00	10:15	Building a Framework for Data Preservation of Large-Scale Astronomical Data	J. Kantor
10:15	11:30	Coffee Break, Poster & Demo Viewing	
Session 2: Footprints and Mosaics			Great Hall
11:30	12:00	Making the Sky Searchable: Automated Astrometry	D. Hogg (invited)
12:00	12:30	Automated Image Registration for the Future	W. Hack (invited)
12:30	12:45	Conference Photo	
12:45	14:00	Lunch, Poster & Demo Viewing	
Session 3: HEP Computing			Great Hall
14:00	14:30	Data Acquisition in High-Energy Physics	J. Gutleber (invited)
14:30	15:00	Data Analysis in High Energy Physics, Weird or Wonderful?	R. Mount (invited)
15:00	15:15	GLAST LAT Computing: A Fusion of HEP and Astrophysics	R. Dubois
15:15	16:30	Coffee Break, Poster & Demo Viewing	
Focus Demo 1			Small Hall
15:30	16:00	New Developments for Aladin	T. Boch
Session 4a: Web Services and the Virtual Observatory			Great Hall
16:30	16:45	The NOAO NVO Portal and the Web 2.0	C. Miller
16:45	17:00	A Critical Point in the VO	D. Schade
17:00	17:15	Cloudspace: Virtual Environments in the VO	M. Graham
17:15	17:30	Workflow in Astronomy : the VO France Workflow Working Group Experience	A. Schaaff
Session 4b: Image Processing and Mosaics			Small Hall
16:30	16:45	The NOAO Pipeline Applications	F. Valdes
16:45	17:00	The MONTAGE Service: Custom Mosaics on Demand	B. Berriman
17:00	17:15	Distributed Processing of Future Radio Astronomical Observations	G. van Diepen
17:15	17:30	LOFAR Self-Calibration using a Blackboard Software Architecture	M. Loose
17:30	19:30	Dinner Break	
BoF 1.1			Great Hall
19:30	21:00	FITS	W. Pence
BoF 1.2			Small Hall
19:30	21:00	Transient Event Reporting and Response with VOEvent	R. Seaman

Tuesday, 25 September		
Session 5: Algorithms and Image Processing I		Great Hall
08:30	09:00	PLANCK/HFI Data Analysis K. Ganga (invited)
09:00	09:30	Image Processing Application for Cognition (IPAC) M. Pesenson (invited)
09:30	10:00	LSST and the Dark Sector: Image Processing Challenges T. Tyson (invited)
10:00	10:15	Organizing the Extremely Large LSST Database for Real-Time Astronomical Processing J. Becla
10:15	11:15	Coffee Break, Poster & Demo Viewing
Session 6a: Algorithms and Image Processing II		Great Hall
11:15	11:30	Autonomous observing: The Astronomer's Last Stand A. Allan
11:30	11:45	Vector Gradient Intersection Transform H. Lorch
11:45	12:00	Optimal Extraction of Echelle Spectra N. Piskunov
12:00	12:15	LSB Galaxies Detection Using Markovian Segmentation on Astronomical Images M. Louys
Session 6b: Data Archiving and Preservation		Small Hall
11:15	11:30	Automated Data Tagging in the HLA N. Gaffney
11:30	11:45	The JCMT Science Archive and the Virtual Observatory S. Gaudet
11:45	12:00	Evaluation of Lossless Compression Methods for Astronomical Image Data C. Gruenler
12:00	12:15	ELT Science Case Evaluation Using An HPC Portal P. Linde
12:15	13:30	Lunch, Poster & Demo Viewing
Session 7: Image Processing and Data Visualisation I		Great Hall
13:30	14:00	Astronomy + Medicine = Understanding A. Goodman (invited)
14:00	14:15	3D Visualization and Detection of Outflows From Young Stars M. Borkin
14:15	14:30	S2PLOT: A Straightforward Library for Advanced 3-dimensional Scientific Visualisation D. Barnes
14:30	14:45	Accessing eSDO Solar Image Processing and Visualisation through AstroGrid E. Auden
14:45	15:45	Coffee Break, Poster & Demo Viewing
Focus Demo 2		Small Hall
15:00	15:30	VirGO: A Visual Brower for the ESO Science Archive Facility F. Chereau
Session 8: Image Processing and Data Visualisation II		Great Hall
15:45	16:15	Accuracy and Aesthetics: Scientific Visualization Using Hollywood Tools F. Summers (invited)
16:15	16:30	VOExplorer: Visualising Data Discovery in the Virtual Observatory J. Tedds
16:30	16:45	Building Rich Internet Applications in Astronomy D. Magee
BoF 2.1		Great Hall
16:45	18:15	Data Mining for Large Scale Astronomical Datasets: Challenges, Milestones and Solutions S. McConnell
BoF 2.2		Small Hall
16:45	18:15	IRAF Users and Developers M. Fitzpatrick
20:00	23:00	Conference Dinner
Great Hall		
Wednesday, 26 September		
Session 9: Data Mining I		Great Hall
08:30	09:00	Large-scale Pulsar Survey at Arecibo Using ALFA: Data Mining and Management J. Cordes (invited)
09:00	09:15	Probabilistic Cross-identification of Astronomical Sources T. Budavari
09:15	09:30	A Method for Exploiting Domain Information in Parameter Estimation C. Bailer-Jones
09:30	09:45	VIM: A Tool to Explore Your Sources R. Williams
09:45	10:00	Needles in a Haystack: Faceted Browsing and the Virtual Observatory D. Burke
10:00	10:15	PaperScope: Graphically Exploring the ADS M. Holliman
10:15	11:30	Coffee Break, Poster & Demo Viewing
Session 10: Miscellaneous		Great Hall
11:30	11:45	The IAU 2000/2006 Changes to Celestial Reference Systems: A Bluffer's Guide P. Wallace
11:45	12:00	Scientific Data Analysis through Web Services in a Scientific Grid C. Gabriel
12:00	12:15	Software Modelling of IFU Spectrometers N. Lorente
12:15	12:30	ECSS in the eXtreme W. O'Mullane
12:30	14:00	Lunch, Poster & Demo Viewing
Focus Demo 3		Great Hall
14:00	14:30	PaperScope in Use M. Holliman
Session 11: Data Mining II		Great Hall
14:30	15:00	Morphological Description of the Large Scale Cosmic Structures V. Martinez (invited)
15:00	15:15	Data Mining Large Surveys: The IPHAS Early Data Release E. Gonzalez-Solares
15:15	15:30	Robust Machine Learning Applied to Terascale Astronomical Datasets N. Ball
15:30	15:45	20 Spatial Queries for an Astronomer's Bench (mark) M. Nieto-Santisteban
15:45	16:00	Finding Outliers in Multivariate Data with Measurement Errors S. Raychaudhury
16:00	16:15	Closing Remarks
16:15	17:00	Poster/Demo Break Down