ADASS Themes 1998 - 2017

Conference Year	Education and Public Outreach	Science Data Pipelines	Information Technology	Science & Analysis	Telescopes & Observatory Operations	Virtual Observatory	S/W Development Methodologies	Sky Surveys	Enabling Technologies	Grid/Parallel Computing	Data Archives	Solar/Planetary/Transient Science	Diversity & Inclusion	Miscellaneous
1998			Y	Y	Y				Y		Y			
1999			Y	Y	Y		Y	Y	Y					
2000	Y	Y					Y	Y	Y					
2001		Y	Y	Y		Y			Y					
2002	Y	Y	Y	Y	Y	Y	Y	Y	Y					
2003		Y		Y	Y	Y					Y	YY		
2004				Y	Y	Y								
2005		Y	Y		Y	Y			Y	Y	Y	Y		
2006		Y	Y				Y				Y	Y		
2007				Y		Y					Y	Y		
2008				Y			Y	Y	Y					
2009						Y	Y	Y	Y		Y			
2010	Y			Y	Y					Y		Y		
2011				Y	Y	Y	Y			Y		Y		
2012	y			Y	Y				Y	Y	Y			
2013				Y	Y		Y		Y					
2014		Y		Y			Y	Y			Y			
2015		Y		Y	Y					Y	Y			
2016				Y		Y				Y	Y	Y		Y
2017	y			Y	Y		Y		Y	Y			Y	

Variations on the main themes throughout the years

Education and Public Outreach	Science Data Pipelines	Information Technology	Science & Analysis	Telescopes & Observatory Operations	Virtual Observatory	S/W Development Methodologies	Sky Surveys	Enabling Technologies	Grid/Parallel Computing	Data Archives	Solar/Planetary/Transient Science	Diversity & Inclusion	Miscellaneous
Education and Public Outreach(2000, 2010)	Science Data Pipelines(2000)	Astrostatistics and Databases (1998)	Data Analysis (1998)	Observatory Planning, Scheduling, Telescope Control (1998)	The Virtual Observatory (2001, 2004)	Scripting Languages (1999)	Sky Surveys (1999, 2000,2002)	Computation Infrastructure and Future Technologies (1998)	High Performance Computing(2003)	Archiving(1998)	Solar Eclipse (2005)	Diversity & Inclusion (2017)	Miscellanea (2016)
Outreach and Education(2002)	Calibration & Pipeline Reduction (2001)	Information Services (1998)	Computational Astrophysics (1998)	Queue Scheduling (1999)	Virtual Observatory Technologies (2002)	Software Development Methodologies and Technologies (1999, 2000)	Optical Surveys(2005)	Enabling Technologies(1999,2000, 2001, 2002)	Parallel & Distributed Computing(2005)	Large Scale Data Management(2003)	Solar Neighborhood and Planetary Astronomy (2006)		
Web Servisce and Publications (2002)	Calibration(2002)	Distributed Data Systems and Services (1999)	Image Processing and Data Visualization (1998,2007)	Telescope and Observatory Operations (2002)	Virtual Observatory Interoperability(2002)	Software Applications (2000)	Footprints & Mosaics(2007)	Tools & Techniques(2005)	Modern Grid Computing in Astronomy (2006)	Surveys & Data Management(2003)	Solar Astronomy(2010,2011)		
Visualization and Software for EPO and Public Affairs (2012)	Data Management & Pipelines(2002)	Information Technology (2001)	General Analysis (1999)	Control Systems(2003)	Virtual Observatory and Archives (2002)	Software History (2000)	Future Large Projects(2008)	Web Technologies(2008)	HEP Computing(2007)	Data Quality & Fidelity(2005)	Enabling Transient Research (2012)		
Community Development (2012)	Data Processing Systems(2003)	Database Systems(2002)	Science & Analysis (2001)	Instrument Modeling(2003)	VO Resources(2003)	Software Development & Testing(2002)	Time Domain Astronomy(2009)	Commonly Available development environments & tools(2009)	Grid & Grid Virtualization(2010)	Data Archiving & Preservation(2007)	Computing for the Solar System (2012)		
Education & Citizen Science (2017)	Pipelines & workflows(2005)	Information Systems(2005)	Algorithms(2002)	Great Space Observatories (2004)	Surveys, Archives, & VO (2003)	Architectures for Large Astronomy Software Systems (2006)	Large Surveys (2014)	Astronomy Apps for Handheld Devices (2012)	GPUs in Astronomy and Beyond (2011)	Reusable Archive Technologies(2009)	Surveys for Transient Objects in the Era of Gravitational Wave Astronomy (2016)		
	Advances in Imaging and Calibration Algorithms (2006)	Challenges & Solutions for very large data(2006)	Data Analysis Software and Algorithms (2002)	Large Observatory Challenges(2010)	VO in Transistion (2005)	Quality Management in Astronomical Data Management Systems(2006)		User Interfaces (2013)	Cloud Computing and Virtualization (2011)	Enabling Large Catalog Search (2012)			
	Data Analysis and Pipelines (2014)		Image Restoration(2003)	Planning, Scheduling, and Operating Observatories (2011)	VO Science (2005)	Software Engineering in Astronomy(2008)		Emerging Technologies (2013)	Extreme-scale computing - GPUs/Clouds (2012)	Enhancing Science Return with Scientific Archives (2012)			
	Data Pipelines (2015)		Algorithms & Classification(2003)	Large Ground Based Observatories and Telescope Arrays (2012)	VO Standards and Sevices (2005)	"Most dangerous" process, design & implementation errors(2009)		Visualization and Innovatvie user interfaces (2015)	New Trends in HPC and Distributed Computing (2016)	Challenges with Modern Archives (2012)			
			Detection Algorithms (2004)	Ground Based Observatories (2004, 2013)	Web Services and the Virtual Observatory(2007)	Long Term Preservation of Analysis Capabilities in Astronomy Software(2011)		Human-Computer Interaction, User Interfaces Design Guidelines and Interfaces to Big Data (2017)	HPC for Astronomy Data Reduction (2017)	Big Data Challenges (2014)			
			Imaging Algorithms (2004)	Space based observatories (2005, 2013)	Virtual Observatory(2009,2011)	Software and Languages (2013)				Knowledge Discovery & Data Management Tools for Astronomical Big Data (2015)			
			Image Processing & Mosaics(2007)	LSST and Lessons Learned from Current Programs (2015)		Web Services and APIs (2014)				Long Term Management of Data Archives (2016)			

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				Algorithms & Image Processing(2007)	Real Time Processing (2015)		Visualization for Astronomy (2014)							
				Data Mining(2007)	The Challenges of Operating Large-Scale Complex Astronomical Instruments (2017)		Metadata Management and File Formats for Astronomical Data (2014)							
				Astronomical Algorithms(2008)	Astronomical Network and Data Center Infrastructure in the age of Massive Data Transfer, Docker, Agile Development, and DEVOPS (2017)		Data Models in Astrophysics (2016)							
				Scientific Computing(2010)	Observatory Operations Software for Ground and Space Based telescopes all the way through the value chain (2017)		Python in Astronomy (2016)							
				Cross Catalog Matching(2010)			Open Source in Astronomy: Collaboration, Development, Methods,Tools, Licensing, Obstacles, and Critics (2017)							
				Statistical Data Analysis and Knowledge Discovery(2011)										
				Advances in Algorithms (2012)										
				Service-oriented Processing and Analysis (2012)										
				Cosmology Challenges now and in the future (2013)										
				Data Analysis and Pipelines (2014)										
				Algorithms for Astronomical Data Reduction (2015)										
				Management of Scientific and Data Analysis Projects (2016)										
				Reduction and Analysis Algorithms for Large Databass and Vice-Versa (2016)										
				Astronomy Simulation Software (2017)										
				Machine Learning Applied to Astronomical Data Analysis (2017)										
				Algorithms & Software for Radio Astronomy (2017)										