

The Future of Proceedings

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Astronomical Data Analysis Software and Systems XX
ASP Conference Series, Vol. 442
Ian N. Evans, Alberto Accomazzi, Douglas J. Mink, and Arnold H. Rots, eds.
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The Future of ADASS Proceedings

@ADASS 2010

James R. Lewis

Cambridge Astronomy Survey Unit, University of Cambridge, UK

Abstract. The 20 years that ADASS has been running has seen amazing leaps in our ability to disseminate information around the globe. In 2009 a sub-committee of the POC was set up to investigate how we publish the proceedings of this conference. This paper primarily is a summary of the general introduction to the problem that was given on the Monday of ADASS XX. A BoF on Monday night was used to discuss the problem in more depth. Finally on Wednesday a vote was taken during one of the plenary sessions to gauge the feelings of the ADASS community at large.

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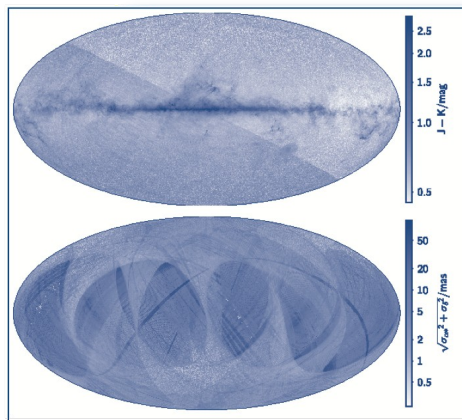
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VOLUME 521

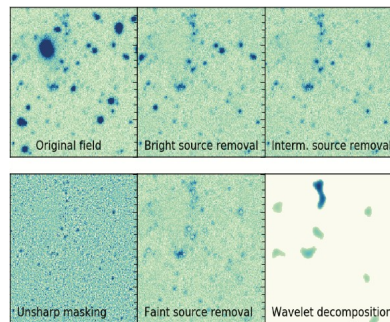
ASTRONOMICAL DATA ANALYSIS
SOFTWARE AND SYSTEMS XXVI



Marco Molinaro, Keith Shortridge,
and Fabio Pasian

VOLUME 522

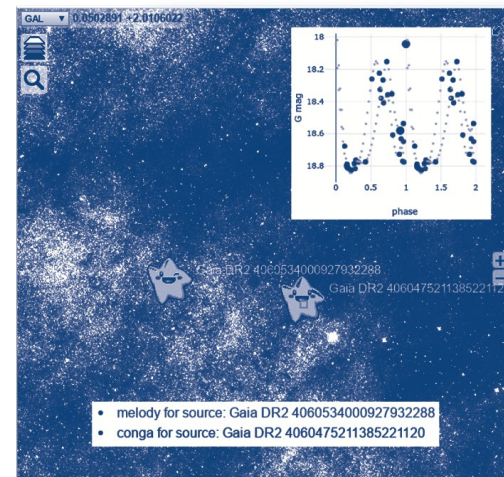
ASTRONOMICAL DATA ANALYSIS
SOFTWARE AND SYSTEMS XXVII



Pascal Ballester, Jorge Ibsen, Mauricio Solar,
and Keith Shortridge

VOLUME 523

ASTRONOMICAL DATA ANALYSIS
SOFTWARE AND SYSTEMS XXVIII



Peter J. Teuben, Marc W. Pound,
Brian A. Thomas, and Elizabeth M. Warner

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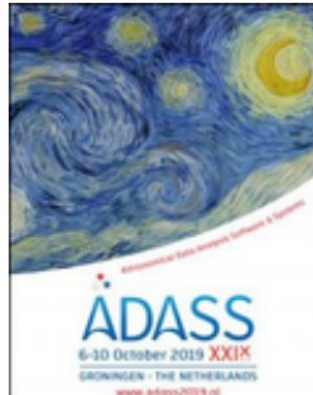
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Astronomical Data Analysis Software & Systems

The **Astronomical Data Analysis Software and Systems (ADASS)** conference is held each year at a different hosting astronomical institution. The conference provides a forum for scientists and programmers concerned with algorithms, software and software systems employed in the acquisition, reduction, analysis, and dissemination of astronomical data. An important element of the program is to foster communication between developers and users with a range of expertise in the production and use of software and systems. The program consists of invited talks, contributed oral and display papers, tutorials, user group meetings and special interest group meetings (called BOFs).



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Conference Proceedings



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Volume	Title	Editor	Year
520	<i>Astronomical Heritage of the Middle East</i>	Sona V. Farmanyan, Areg M. Mickaelian, J. McKim Malville, Mohammad Bagheri	2019
519	<i>Radiative Signatures from the Cosmos</i>	Werner, Stehle, Rauch, and Lanz	2019
518	<i>Physics of Magnetic Stars</i>	Kudryavtsev, Romanyuk, and Yakunin	2019
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516	<i>Celebrating the 2017 Great American Eclipse: Lessons Learned from the Path of Totality</i>	Sanlyn Buxner, Linda Shore, and Joseph Jensen	2019
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512 <small>DA</small>	Astronomical Data Analysis Software and Systems XXV	Lorente, N. P. F.; Shortridge, K.; Wayth, R.	2016
511	<i>Non-Stable Universe: Energetic Resources, Activity Phenomena and Evolutionary Processes</i>	Mickaelian, A. M.; Harutyunian, H. A.; Nikoghosyan, E. H.	2017
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509	<i>20th European Workshop on White Dwarfs (EuroWD16)</i>	Tremblay, P.-E.; Gaensicke, B.; Marsh, T.	2017
508	<i>The B[e] Phenomenon: Forty Years of Studies</i>	Miroshnichenko, A.; Zharikov, S.; Korcakova, D.	2017
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505	<i>Astronomical Surveys and Big Data</i>	Mickaelian, A.; Lawrence, A.; Magakian, T.	2016
504	<i>Coimbra Solar Physics Meeting: Ground-based Solar Observations in the Space Instrumentation Era</i>	Dorotovic, I.; Fischer, C.; Temmer, M.	2016
503	<i>Calibrating Large Surveys and Future Facilities</i>	Deustua, S.; Allam, S.; Tucker, D.; Smith, J. A.	2016

ADASS Proceedings news!

- Proceedings Subcommittee
 - Teuben (2018, chair), Lorente (2015), **Shortridge** (2015, 2016, 2017), Ballester (2017), Molinaro (2016), Deul (2019), Pierfederici (2020)
- Github “ADASSProceedings” (public)
 - Produce the ADASS2018.tar, 2019 etc.
- Github “ADASSProceedings2018” (private, currently)
 - Clonable to 2019,

Proceedings Production

<https://github.com/astroumd/ADASSProceedings>

- **You:** Author_Template (“adass2018.tar”)
 - Edit your: P1-2.tex, makedefs, copyright.pdf, ...
 - Send your: P1-2.tar
 - Documentation on 4 levels



- **We:** github:: ADASSProceedings2018
 - Ingest – now fast
 - Edit (+ssindex, ooindex, aindex) – slow
 - Aesthetic Review – ASP
 - Book Proof – ASP
 - Printing – ASP

Editors' Timeline

(example from 2018)

- Nov 15: ADASS ended
- Dec: submission deadline
- Jan:
- Feb: finished ingesting
- Mar: finished editing-1
- Apr: submitted for A.R.
- May:
- Jun:
- Jul: submitted final proofs
- Aug: books received by editors
- Sep: books received by (some) participants
- Oct: e-Proceedings started to be populated

@todo: Convert to ColorBar timeline

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2018: 9 months incubation!!

With no delays: **April** is achievable (5 months)

June perhaps more realistic (7 months)

E-radical:

Feb is possible? (3 months)

ADASS Proceedings: now!

- Record of what we did at ADASS
- Inform those who missed the meeting
- We use ASPC (800 page limit)
 - 10 page for invited, 4 page for contributed
 - \$4500 in B/W, add \$1500 for color (cf. \$20k in 2010?)
- Automatically indexed by ADS
 - Codes in ADASS proceedings get an ASCL index (since 2012)
 - Web of Science (WoS) former ISI Thompson.
 - DBLP

The Future of ADASS Proceedings

- 1) Do we want a **paper copy** (comes with e-Proceedings)
 - In 2018: 235 eligible papers, 197 selected, 161 submitted
- 2) Do we want **e-Proceedings-1**
 - 1) No editing? [**SPIE**]
 - 2) More pages? Or ASP page limit?
 - 3) Curation?
 - 4) Active pages (videos, 3d,)
- 3) Self-publishing **e-Proceedings-2**
 - 1) Editors ingest
 - 2) Peer (adass) reviewed
- 4) Very few submit to **arXiv**
 - In 2018: 11+ accepted, 2+ rejected
- 5) Keep a copy on **adass.org** ? Or even self-publish. (minimal editing)
- 6) Do nothing? [astroinformatics]

Feedback:

- 1) Vote today
- 2) MatterMost chat
- 3) teuben@astro.umd.edu

3) e-Proceedings-2

- e-Proceedings with our own journal: “The Journal of ADASS Proceedings”
- Page limit removed
- Use Zenodo for DOI and persistence
- Continued work on the fantastic checking scripts
- Upload service checks validity with the script directly
- 1 month after ADASS editors put a proceedings “book” onto astro-ph
- Real editing happens maybe with peer review editing
- e.g. March 1st: stop editing!
- put papers on zenodo, abstracts to ADS
- Full-text search, e.g. on adass.org
- Add PDF of talk and poster to proceedings
-

Thank you Felix, Francesco, Andreas!

Special Edition A&C

- 4 papers for 2019 being reviewed
- Final deadline extended
- See Mauricio Solar or Peter Teuben