

Report for NOVA grant W-285

The Astronomical Data Analysis and Software Systems (ADASS) XXIX

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10 December 2019

Submitted on behalf of the LOC which is comprised of ASTRON, SRON and the four NOVA institutes. The NOVA representatives are Deul, Tilanus, Rowlinson, Verdoes Klein and Bloemen.

Report:

The Astronomical Data Analysis Software and Systems (ADASS) conference is the premier conference for the exchange of information about astronomical software, and it is organized each year by a different hosting astronomical institution, at a different location. The conference provides a forum for astronomers, software engineers, and data specialists from around the world.

ADASS XXIX was organised in Groningen from 6 to 10 October 2019. It was a success with 354 registered participants from 27 countries, of which 87 have an affiliation in the Netherlands.

The contributions were submitted and presented as part of the following themes:

- Multi-wavelength astronomy
 - Open data access/provisioning
 - Data science challenges: tools from statistics to machine learning
 - Data visualisation from line plots to augmented & virtual reality
 - Delivering accessible and science-ready radio data
 - Local and global cloud infrastructure for processing and storage
 - Data discovery across heterogeneous datasets
 - Telescope operations and scheduling: from classical to autonomous
 - Evolution of software development and management
- Data processing pipelines

Financial statement:

Total cost of the conference was 210 kEUR (invoices received up to November 2019). The LOC institutes supported the meeting for a total of 25 kEUR. Other commercial and institutional sponsors (e.g. NOVA, ESO, RadioNet, SURF, ESA, ETM, CDS,...) contributed 23kEUR. The participants fees and booth fees amounted to 168kEUR.

Finances for this conference were managed by ASTRON. Bloemen (RU) and Grange (ASTRON) were responsible for invoicing and sponsor contacts.

Final program:

See program booklet in attachment.