

Session Program

14-15 Mar 2018



ASTERICS ALL-HANDS meeting

Pitches

De Rode Hoed
Keizersgracht 102 1015 CV Amsterdam, the Netherlands

Wednesday 14 March

10:30

Pitches: 1

Session | **Location:** De Rode Hoed, Keizersgracht 102 1015 CV Amsterdam, the Netherlands

10:30-10:35

Efficiently storing, processing, and querying arbitrary sky regions in databases (Nullmeier)

10:35-10:40

White Rabbit Time and Frequency Transfer over Public Networks (Boven)

10:40-10:45

Experience in making CORELib and ROAst (Bozza)

10:45-10:50

LOFAR design lessons (Mol)

10:50-10:55

Integrating CASA into Jupyter for remote data reduction (Keimpema)

10:55-11:00

Evolve from interoperable data collections to integrated systems of services for data-intensive astronomy and open science (Pasian)

11:05

12:05

Pitches: 2

Session | **Location:** De Rode Hoed, Keizersgracht 102 1015 CV Amsterdam, the Netherlands

12:05-12:10

Results of pilots that SURFnet and other NREN's are working on to support high throughput data transfers (Hinrich)

12:10-12:15

Status of Time Domain Astronomy in the VO community (Nebot)

12:15-12:20

How to use modern CPUs feature within Python (Jacquemier)

12:20-12:25

How to make a citizen science experiment (Serjeant)

12:25-12:30

SKA AAA approach and the new challenges (Jerse)

12:30-12:35

White Rabbit Calibration (Jansweijer)

12:40

14:35

Pitches: 3

Session | **Location:** De Rode Hoed, Keizersgracht 102 1015 CV Amsterdam, the Netherlands

14:40-14:45

Data access interoperability between different infrastructures and data centers (Bertocco)

15:15

14:45-14:50	Citizen Science in the classroom: problems and requirements (Iafrate)
14:50-14:55	Running old software in container solutions (Graf)
14:55-15:00	- (Heinl)
15:00-15:05	A new, simple, tool for faster transport of large data sets (Verkouter)
15:05-15:10	LSST data access with Qserv, Jupyter, web app (Chotard)

Thursday 15 March

09:30

Pitches: 4

Session | **Location:** De Rode Hoed, Keizersgracht 102 1015 CV Amsterdam, the Netherlands

09:35–09:40 **Maximising the impact of ASTERICS (Jackson)**

09:40–09:45 **VO protocol based modular publishing tools (Molinaro)**

09:45–09:50 **Evolving VOEvent in response to community feedback (Morris)**

09:50–09:55

How can SURFnet introduce Time & Frequency Transfer in the network? (Smets)

09:55–10:00 **Multi-observatory scheduling for multi-messenger science (Colomé)**

10:00–10:05 **The GammaLearn project: Deep Learning applied to CTA (Vuillaume)**

10:05

11:05

Pitches: 5

Session | **Location:** De Rode Hoed, Keizersgracht 102 1015 CV Amsterdam, the Netherlands

11:05–11:10 **Development of VO-tools: VOSA and CLUSTERIX (Fran)**

11:10–11:15 **Practices regarding workflows with interferometry data (Hague)**

11:15–11:20 **Sharing Rich Data about Exciting Events (Williams)**

11:20–11:25

Big picture of multi-messenger observing. How do collaborations form and work? (Lightfoot)

11:25–11:30

Work in progress about A&A for workflow management systems in an astronomical data center (Bignamini)

11:40

13:40

Pitches: + Hot topics

Session | **Location:** De Rode Hoed, Keizersgracht 102 1015 CV Amsterdam, the Netherlands

13:40–13:45 **Timing redundancy in White Rabbit Networks (López-Jiménez)**

13:45–13:50

Ideas on the consolidation of a common format for event based experiments (Rosado)

13:50–13:55

Discovery and data access of N-D data cubes in the VO scenario (Molinaro)

14:15

13:55-14:00

Mapping algorithms onto massively parallel hardware (van der Tol)

14:00-14:05

OBELICS Workshops & Schools (Wagh)

14:05-14:10

Announcing someone else's work: Jupyter Lab (Dijkema)