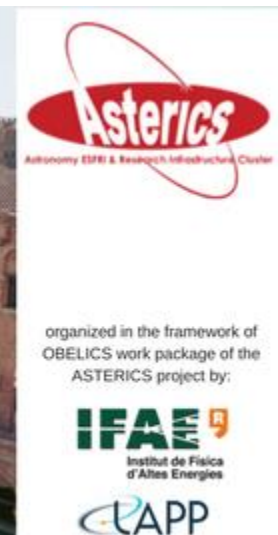


Task 3.1: Management, User engagement and data Dissemination (MAUD)

Jayesh Wagh, CNRS-LAPP



Task 3.1: MAnagement, User engagement and data Dissemination (MAUD)



1st ASTERICS-OBELICS Workshop

Science Data Cloud & Computing models in Astronomy and Astroparticle physics, Rome 12-14 December 2016.



- 7 **tutorials** with **live demos**, 20 **invited talks** and 5 **panel discussions** addressing Authorization and Authentication, Data Storage, Transfer & Preservation, Large Databases, Workflow management & Interoperability.
- **87** scientist and technologist amongst the participants.
- Participants from **CERN & LIGO**.
- Call for **expressions of interest** for industrial cooperation was launched.
- Outreach on social media: **6450 tweet impressions**.



Call for expressions of Interest for Industrial Cooperation

- Post workshop follow up and collaboration with industries through **call for expression of interests**.
- 2 Proposals from companies in the field of artificial intelligence and high performance computing



Industrial Cooperation

Project 1: GammaLearn

- MoU signed by all the parties.
- Kickoff meeting was organized at LAPP with all the project members from LAPP, OROBIX and LISTIC.
- Meeting included presentations and hands-on training on deep learning methods applied to IACT data.
- PhD student joined LAPP from 1st October.





• 1st ASTERICS-OBELICS International School (D3.7, M24) , 6-9 June 2017, LAPP-Annecy, France

- 65 participants (students) + 15 Tutors
- Specifically intended for a large audience including **PhD students, postdocs, senior researchers** from the domain of astrophysics and astroparticle physics .
- The school included theory and hands-on sessions on **Efficient code writing, Parallel & GPU programming & Python libraries for astronomy & astrophysics.**

Emphasis on dissemination



Silvana Muscella

@silvanamuscella

Follow

@TrustITServices joins forces with @asterics2020 to sustain astrophysics community nurturing like this the #EOSC ecosystem

6:05 AM - 4 Aug 2017

2 Retweets 3 Likes



ABOUT SCIENCE DEMOS EVENTS MEDIA NEWS

2nd ASTERICS-OBELICS Workshop

Astronomy & Astroparticle Physics assets in building the European Open Science Cloud

Casa Convalescència, Barcelona, Spain
16-19 October 2017

Addressing potential connections between the ESFRI projects and the implementation of EOSC for data interoperability Cloud

In line with the overall ASTERICS - OBELICS objectives, this second workshop aims at building bridges between ESFRI projects, concerned scientific communities, e-infrastructures, industries and further consortia, and to call them to action for the implementation of the EOSC for data interoperability in the astrophysics and astroparticle physics related disciplines.

16 OCT 2017

Astronomy & Astroparticle Physics Assets In Building The European Open Science Cloud



development of the European Open Science Cloud (EOSC) as described in the EC Communication on European Cloud Initiatives.

This is your chance, through this 2nd (and last) Open Call for Applications, to take part in the exciting EOSC pilot project, started in January 2017, as one of the Science Demonstrators.

07 July 2017

NEW REPORTS ON THE EUROPEAN OPEN SCIENCE CLOUD GOVERNANCE AND ON OPEN ACCESS PUBLISHING IN EUROPE.

The Open Science Policy Platform has adopted consensus reports on the European Open Science Cloud governance and on Open Access Publishing in Europe. The report on EOSC includes recommendations on governance and financial schemes, while the report on Open Science Publishing gives recommendations on how to implement open access publishing in Europe by 2020.

27 June 2017

SELECTED PROJECTS ON THE EOSCPILOT FIRST



ANNECY-LE-VIEUX | Destinée aux physiciens, pour répondre aux défis liés au Big data Le LAPP accueille la première école internationale Asterics-Obelics

Le LAPP accueille la première édition d'une école destinée aux physiciens du monde afin de leur donner les outils nécessaires pour répondre aux défis liés au Big data. Ils sont 80 participants de onze pays, dont une quinzaine d'enseignants (cinq sont issus du LAPP). Les doctorants, post-doctorats et chercheurs exercent dans les domaines de l'astrophysique, de la physique des astroparticules et des ondes gravitationnelles. Cet événement d'envergure internationale est une reconnaissance mondiale du LAPP dans son domaine de recherches et d'enseignement.



Des ateliers rassemblant des chercheurs internationaux. Photo: L. D. Allen - KEFICSA



Midterm Project Review - March 2017

- Excellent overall correspondence with the work plan.
- Feedback on industrial cooperation.
- Highlights of the project : efficient algorithm of lossless compression for digitalised signals; a software library for fast, vectorised, array reductions and moment calculations.

2nd ASTERICS-OBELICS Workshop

2ND ASTERICS-OBELICS WORKSHOP
16-19 OCTOBER 2017

ASTRONOMY &
ASTROPARTICLE
PHYSICS ASSETS IN
BUILDING THE
EUROPEAN OPEN
SCIENCE CLOUD

CASA CONVALESCÈNCIA,
BARCELONA, SPAIN



organized in the framework of
OBELICS work package of the
ASTERICS project by:



Coming up next...

- 2nd call for expressions of Interest for industrial cooperation... **NOW OPEN !**
- Visit www.asterics2020.eu for more information.
- 2nd ASTERICS-OBELICS International School, June 2018, LAPP Annecy, France
- Potential themes: Machine Learning, Python programming, C++ for astronomy and astroparticle physics

Thank you !