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TA2 2nd year report

Project acronym:

AHEAD2020

Project Title:

Integrated Activities for the High Energy Astrophysics Domain

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Second Year Report of WP6 TA24

Second Year Report of WP6 TA2

This document concerns the deliverable of the WP6 TA2 (data analysis) second year report. We detail the output of the first call, which was delayed due to Covid 19 and of the second call. The third call was issued at the end of year 2 and the outcome will hence be given in the third-year report.

Applications were submitted via a dedicated web page hosted at the University of Leicester linked from the main project website. The website is compliant with GDPR. The users are requested to provide feedback after the visits.

First call: The first call opened on 2021 January 11 and closed on 2021 February 22. The call was advertised via a variety of professional email distribution lists (such as the RAS, the IAU and COSPAR) as well as being on-line at the institutes and on the main AHEAD web site.

By the closing date, 3 proposals had been received for TA2. For this call it was noted that prospective visits were likely to be virtual. This restriction and the pandemic resulted in fewer applications than would normally be expected. Most users prefer training in person and often require help with software installation. The review panel judged that both applications were worthy of support. One of the “visits” was held remotely due to the pandemic.

The results of the first call:

Project: Observations of AGN
User: Anatolli Vasylenko (National Academy of Science, Ukraine)
Facility: INAF-OAR, Rome, Italy
Accepted: Yes
No of visiting persons: 1
Days: 13-17/9/2021 (remote visit)

Project: Observations of AGN
User: Olena Kompaniites (National Academy of Science, Ukraine)
Facility: INAF-Bologna, Italy
Accepted: Yes
No of visiting persons: 1
Days: 2-16/10/2021

Second call: The call opened on 2021 July 12 and closed on 2021 August 30. By the closing date, 4 proposals had been submitted for assessment by the review panel, which judged they were all worthy of support. The number of applications was again below expectations due to the pandemic.

The results of the second call:

Project: Observations of black hole binaries
User: Menglei Zhou (Universität Tübingen, Germany)
Facility: NOW-I/SRON, Netherlands
Accepted: Yes
No of visiting persons: 1
Days: Due to visit 28/3/22-1/4/22 (+travel)

Project: Observations of supernova remnants
User: Cihad Deniz (Akdeniz University, Turkey)
Facility: INAF-Palermo, Italy
Accepted: Yes
No of visiting persons: 1
Days: Visit expected later in 2022

Project: Physical properties of galaxy clusters
User: Dominique Eckert (University of Geneva, Switzerland)
Facility: INAF-Bologna, Italy
Accepted: Yes
No of visiting persons: 1
Days: Due to visit 28/3/22-1/4/22 (+travel)

Project: Search for high-energy counterparts of fast radio bursts with H.E.S.S.
User: Dmitriy Kostunin (DESY Zeuthen, Germany)
Facility: IRFY/CEA-Saclay, France
Accepted: Yes
No of visiting persons: 1
Days: 6-17/12/21 (+ travel)

Third call: The call opened on 2022 January 20 and will close on 2022 March 4. The outcome will be detailed in the next report.