



Final Data Analysis TNA Periodic Report

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The first five milestones due in the reference period have been attained.

A web page was prepared to describe the TNA activities offered under Work Package 5, Data Analysis. The page is hosted at the University of Leicester and has been utilised for each call as required. This web page has been updated for calls 2, 3, 4, 5 and 6. The web page version for the sixth call is at

https://www.ledas.ac.uk/ahead/ahead_call6.php

The web page was opened for the first call on 2015 December 10 and remained open until 2016 January 15. 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 16 proposals had been received for 95 visit days (plus travel time). This was in line with our expectation of 480 visit days over the course of the scheme (6 calls).

The applications were sent to the international NA-TNA Selection Committee along with a set of criteria by which to judge suitability. Based on the review scores, 14 of the 16 applicants were awarded TNA funding. The unsuccessful applicants, who were both considered as viable future candidates, were encouraged to resubmit in future rounds.

The 14 successful applicants from the first call visited their chosen hosts during the next six months. Of the eight possible host institutes available, six hosted visitors during the first period. After completion of their visit, all visitors completed a report on their activities and all of them were complimentary of the scheme, the host institution and the training they received and they hope to maintain research links.

The second call was opened on 2016 May 16 and closed on 2016 June 30. This call resulted in 12 applications. Following the same review process as for the first call, all 12 proposals from the second call were approved with visitors spread across seven of the eight hosts. These visits occurred over the following six months.

The third call was opened on 2016 November 15 and closed on 2016 December 31. There were 20 applications, of which 13 were approved following the same scoring procedure as for the first two calls. The visitors were spread across six of the hosts and the visits are occurring during the subsequent six-month period.

The fourth call was opened on 2017 May 15 and closed on 2017 June 30. This call was restricted to scientists in EU and associated member states as an analysis revealed the successful applications in previous rounds were exceeding the allowing fraction of non-EU visit days. There were seven applications in the fourth call. The proposals were ranked using the same procedure as for the first three calls. All seven proposals were scored high enough to approve. The visitors were spread over five hosts and visited over the subsequent six months.



The fifth call was opened on 2017 November 20 and closed on 2018 January 5. This call was also restricted to scientists in EU and associated member states. There were seven applications in the fifth call (plus one rejected as coming from outside the call boundaries). The proposals were ranked using the same procedure as for the first four calls. All seven proposals were scored high enough to approve. The visitors were spread over five hosts and visited over the subsequent six months.

The sixth call was opened on 2018 May 5 and closed on 2018 June 30. This call was also restricted to scientists in EU and associated member states. There were thirteen applications in the sixth call. The proposals were ranked using the same procedure as for the first five calls. All thirteen proposals were scored high enough to approve and the applicants have been informed of the outcome. They visited over the subsequent six months.

Summary:

The sixth call was the final one in the TNA activity.

Over the six calls a total of 75 applications were received. Of these 65 visits were approved and hosted across 10 hosts for a total of ~410 visit days. Of the 65 visitors, 37 were male and 28 female, with an equal success rate. The visitors came from 22 different countries, many of which have a small high-energy community. Overall the TNA activity demonstrated the demand for such training and the success of the activity.