

ePESSTO Collaboration Publication Policy

Authors and versions

Version 1.0: May 2017. Written by M. Sullivan (Chair of Science Board) and S. Smartt (Survey PI).

Introduction

This document outlines the ePESSTO Collaboration publication policy. It applies to all papers submitted to refereed journals and conference proceedings. All papers that include some ePESSTO data, and include collaboration members in their author list, must abide by this policy.

A publication is considered an ePESSTO publication if (a) Either the target is a ePESSTO follow-up target (i.e., more than one ePESSTO spectrum) or the publication is built around ePESSTO classifications, **and** (b) the ePESSTO data on which the publication is based have themselves not yet been published in a different ePESSTO publication.

The Publication Process

When a project, study or investigation begins that is likely to lead to a publication, the following steps should be followed.

1. A project leader is identified by the relevant science group coordinator, depending on the area in which the science project falls. They should post a title, brief summary, and the name of the lead author to the projects list wiki page on the private area of the ePESSTO wiki. General ePESSTO members should periodically check this webpage if they are interested in participating in ePESSTO projects.
2. We strongly encourage the following practice within the science groups: a skeleton of the paper (figures, conclusions and main results) is circulated within the science group email lists well before the final draft is completed. This encourages collaboration and meaningful engagement by co-workers when there is still time left to shape the scientific content and direction of the paper. It is often somewhat late to significantly contribute to a paper by the time a final draft is ready. Hence, we would like to encourage this as good scientific practice and one that would enhance the scientific collaboration of ePESSTO.
3. When the paper draft is ready, it should be posted to the private area of the ePESSTO wiki. A message to the ePESSTO collaboration (all@pessto.org) should be sent notifying everyone of the draft. The initial email should give details of the journal to be submitted to, detail the year(s) of ePESSTO data the publication is based on, and list any outstanding issues (e.g., authorship queries etc.). This version of the paper is embargoed and should not be distributed outside the ePESSTO collaboration, unless with the specific agreement of the paper's first author.
4. **Everyone** who is eligible for co-authorship on the paper (see below under Authorship) must respond with *at least* explicit agreement that they would like to be on the paper (i.e., they **must** acknowledge the paper and request that their names be added) in order to be a co-author. **There is a fixed time of two weeks for this response and any paper comments to be received.** In case of papers that are particularly urgent or time critical (e.g., where there is known competition from outside of the ePESSTO collaboration), this may be shortened to one week with the approval of the survey PI and science board chair.

5. After revision of the paper following comments, if the comments were minor it is up to the first author and science group coordinator to decide whether a further iteration is required. For major comments or revisions it is expected that co-authors would receive a second opportunity to view the paper prior to submission.
6. The paper is not considered public until its embargo is lifted by the lead author. Until this embargo is lifted, the paper and its results cannot be quoted in public (e.g., in conference talks), referenced in other publications, etc. without the permission of the lead author. The embargo may be lifted in one of three ways:
 - It is posted on arXiv,
 - The first author specifically lifts the embargo,
 - It is formally published and the first author neglects to lift the embargo before then.
7. The timing of any arXiv posting is at the sole discretion of the first author.
8. When any revised version is submitted that version must be posted on the ePESSTO wiki, together with any reply to the referee, and, eventually, a final link to the journal version must be posted.

Authorship

The basic principle of the ePESSTO publication policy is “juste retour” for work done on the survey. This principle will be implemented via a Builders List: a list of ePESSTO collaboration members whose effort is important to the overall success of the project and to the delivery of ePESSTO data products, and who will be offered the chance to be on every ePESSTO paper. Thus, the author list will normally be made up of the relevant Science Project members, the ePESSTO Builders list, and possibly members of the feeder surveys that provided the targets for paper in question.

1. *Science Projects*: There is no centrally defined or maintained author list or policy within the science groups – this is devolved to the science group coordinators, although it is expected that authorship should be by merit.
2. *Builders list*: Scientists who have made a major commitment to the project, listed in the Builders List, shall be notified of all ePESSTO publications, and have the right to be listed as co-authors on all ePESSTO publications. The builders list is determined by the Science Board (see below) and is reconstituted every May. It is the builders list from the year in which the data were taken that is used for authorship determination.
3. *Feeder surveys*: The feeder surveys from which ePESSTO takes its follow-up targets may also request co-authorship for some of their members. These are described on a survey-by-survey basis in the next section.
4. ePESSTO observers / data reducers / TAT members are not entitled by right to be co-authors on *all* papers that use data from their particular observing runs (but see 5, 6, and 7). Such activity is viewed as necessary project work. However, there will be Builder status reward for observers who carry out significant amounts of NTT observing.
5. Observers will be in charge of issuing ATELS for their observing runs and will co-author these. These should be written on behalf of the ePESSTO collaboration, (e.g. “A. N. Others, on behalf of the ePESSTO collaboration”). ATEL guidelines can be found on the ePESSTO wiki.
6. Each observer will be entitled to authorship on one paper per observing run, above and beyond papers they would normally co-author within their science project. The choice of paper is up to each individual observer, *and it is their responsibility to*

contact the first author within 2 weeks of the paper being posted on the ePESSTO wiki, requesting co-authorship. A maximum of three observers can be credited in this way per observing run. One “observing run” is defined as *one* of the 4N, 3N or 3N runs during a lunation. Hence if an observer carries out three runs then they are entitled to three papers for co-authorship.

7. Once a TAT member or data reducer has been “on duty” for 3 observing runs (not necessarily in the same lunation) he/she will also be entitled to authorship on one paper above and beyond papers they would normally co-author within their science project. Process is as for 6).
8. For ePESSTO publications not covered directly by a science group, co-authorship should be based on the level of direct contribution to the publication, or on Builder status.
9. Authorship and publication disputes will be arbitrated by the Science Board.
10. The order of the authors will be decided by the science group coordinator and the first author. Normally this would be the scientific analysis team first, followed by the Builders list and observers/data reducers in alphabetical order, and finally the members of the relevant feeder survey(s) (if any).
11. All publications containing ePESSTO data (refereed or otherwise) **must** include the following acknowledgement at this URL:

<http://www.eso.org/sci/observing/policies/publications.html>

This currently (May 2017) reads:

“Based on observations collected at the European Organisation for Astronomical Research in the Southern Hemisphere under ESO programme 199.D-0143.”

Builders List

The Builders List is maintained by the Science Board. Membership lasts until the end of an ePESSTO operations year, and the list will therefore be reconstituted every May. For publications, it is the Builders List corresponding to the date at which the data were acquired that will be used for co-authorship determination.

Membership of the list is based solely on effort spent on the ePESSTO survey, and should be above the basic level demonstrated for leadership of a Science Project. As a guide, Builder List effort should exceed that required to go observing for a 3-week observing run.

Examples of qualifying activity would be: Attending two or more observing runs per year as part of the Observing Management Team; regular, active participation in and leadership of the Target and Alert Team; significant coding, maintenance, or improvements of the Data Reduction and Quality Control software; taking on a significant part of the Phase 3 data reduction for a ePESSTO year; significant coding, maintenance, or improvements of the WISeREP and Archive Team.

The composition of the Builders List for each ePESSTO year can be found on the ePESSTO wiki. The Science Board maintains this list. Further additions can be made during a year: nominations for inclusion on the Builders List should be sent to the chair of the Science Board, for discussion at the next Science Board meeting.

Feeder surveys

Each feeder survey will have its own policy towards authorship on ePESSTO papers. But they must also follow Point 6 in the “Publication Process” listed above i.e. everyone who is

listed as a co-author on the paper must respond with at least explicit agreement that they would like to be on the paper, within the ePESSTO timeframe.

SkyMapper:

1. ePESSTO publications that use SkyMapper Supernova Survey unpublished data – including photometry, early discovery points, and spectra – will need to include the SkyMapper Supernova Team (Stromlo and LPNHE members) as co-authors.
2. ePESSTO publications that use unpublished SkyMapper survey data (including photometric calibrations, templates, etc.) will need to include the SkyMapper Southern Sky Survey Team (Stromlo).
3. ePESSTO publications that benefit from SkyMapper discoveries and observations that are in the public domain (either by the normal release of discoveries, or by publication) do not need to include the SkyMapper Survey Team members.

Pan-STARRS1 (PS1) and ATLAS:

ePESSTO publications that use either Pan-STARRS Survey for Transients (PSST) or ATLAS unpublished data – including photometry, early discovery points, photometric calibrations, templates – will need to include the Pan-STARRS Builders list or the ATLAS Builders list (both kept up to date on the wiki).

ePESSTO publications that benefit from ATLAS or PS1 discoveries and observations that are already in the public domain (either by our normal release of discoveries, or by publication) do not need to include the Pan-STARRS or ATLAS builders. But for critical data where ePESSTO needs to access the pixel data and either confirm or make new measurements, we would expect to off the Pan-STARRS team or ATLAS team co-authorship.

All papers that include Pan-STARRS data, should include the formal PS1 acknowledgement and cite Chambers et al. 2016. If the ePESSTO paper is an ApJ letter or similar paper in which the word count is important then S. Smartt can provide an appropriate short version

- The Pan-STARRS1 Surveys (PS1) have been made possible through contributions of the Institute for Astronomy, the University of Hawaii, the Pan-STARRS Project Office, the Max-Planck Society and its participating institutes, the Max Planck Institute for Astronomy, Heidelberg, and the Max Planck Institute for Extraterrestrial Physics, Garching, The Johns Hopkins University, Durham University, the University of Edinburgh, Queen's University Belfast, the Harvard-Smithsonian Center for Astrophysics, the Las Cumbres Observatory Global Telescope Network Incorporated, the National Central University of Taiwan, the Space Telescope Science Institute, the National Aeronautics and Space Administration Grants No.s NNX08AR22G, NNX12AR65G, and NNX14AM74G, the National Science Foundation under Grant No. AST-1238877, the University of Maryland, Eotvos Lorand University (ELTE), the Los Alamos National Laboratory and the Gordon and Betty Moore foundation.

All papers that include ATLAS data, should include the formal ATLAS acknowledgement and cite Tonry 2011, PASP, 123, 58

- The ATLAS surveys are funded through NASA grants NNX12AR55G

iPTF:

ePESSTO publications that use iPTF unpublished data – including photometry, early discovery points, and spectra – will need to include iPTF members as co-authors. This typically includes PTF builders, the scanner that discovered the supernova and observers that contributed the specific spectra as well as the ePESSTO-iPTF coordinators (Yaron, Gal-Yam, Sollerman). The paper should go through the iPTF publication process, in parallel to the ePESSTO publication process.

This will be managed by Avishay Gal-Yam and Jesper Sollerman.

ePESSTO publications that benefit from iPTF discoveries and observations that are in the public domain (either by the normal release of discoveries, or by publication) do not need to include the iPTF team members.

OGLE – Lukasz to draft