



## Call for nominations to lead Australia's science engagement with the Legacy Survey of Space and Time (LSST)

Applications close on Tuesday 5th October 2021, 5PM AEST. Late applications will not be accepted.

[Astronomy Australia Limited](#) (AAL) is a not-for-profit company limited by guarantee whose [members](#) are all Australian universities and research organisations with a significant astronomy research capability. Its core business is to manage programmes which provide astronomers with access to national astronomy infrastructure, including data and computing infrastructure.

AAL finances a portfolio of infrastructure projects and facilities from Australian Government funding. AAL oversees the progress of these projects and reports regularly on them to the Government.

### Legacy Survey of Space and Time (LSST)

The LSST aims to construct the deepest, widest image of the Universe ever produced while also detecting new transient sources. Following commissioning in 2023/24 it will conduct a ten year survey of the sky using a specially designed 8.4 m diameter telescope in Chile with an extremely wide field of view. The LSST will be conducted by the Vera C. Rubin Observatory on behalf of the US National Science Foundation, Dept of Energy, the LSST Corporation, and multi-national Science Collaborations.

AAL has negotiated a package of in-kind contributions towards the software, data processing and archiving requirements of LSST, in exchange for data access rights for 47 Australian-based Principal Investigators (PI) and a further 188 Junior Associates (JA). Efforts are underway to secure the funding necessary to cover the costs of these in-kind contributions, after which an open call for Expressions of Interest in filling AAL's share of the available PI and JA slots will be conducted.

AAL seeks to appoint an "Australian Science Lead" to head the Australian engagement with LSST, Rubin Observatory and the various Science Collaborations. They will also be expected to help coordinate funding bids from the community. Key attributes for this role include:

- Demonstrated leadership within LSST science and/or governance networks.
- Demonstrated leadership within a key LSST science area.
- Demonstrated ability to coordinate large funding applications.
- Demonstrated ability to liaise with the wider Australian community.

The term of this appointment is two years. The minimum requirements of the role are participation in Rubin Observatory Project & Community Workshops (usually held in August each year in the USA and/or on-line), and relevant Science Collaboration meetings. AAL will support the attendance at the Workshop in person where possible.

## Applications

Should you wish to be considered for the role of Australian Science Lead for LSST, please email [applications@astronomyaustralia.org.au](mailto:applications@astronomyaustralia.org.au) with a maximum three-page application that includes:

- A covering letter describing your expertise relevant to LSST science and the science you wish to do with the LSST;
- A brief CV, including any grants awarded;
- Any relevant conflicts of interest.

Please do not hesitate to contact [Dr Stuart Ryder](#), AAL's LSST Program Manager if you have any questions regarding this position.

AAL is committed to equity and diversity and encourages applications from everyone with the appropriate expertise and skills.

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