



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

Applications for all positions close on Monday 30th October 2023, 8:00 PM AEDT. If openings remain after all applications received and completed by the deadline have been considered, late applications will 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. 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 Discovery Alliance, 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). A combination of an ARC Linkage Infrastructure, Equipment and Facilities grant to UNSW, as well as NCRIS funding is being used to cover the costs of these in-kind contributions.

The term of the "Australian Science Lead" who heads the Australian engagement with LSST, Rubin Observatory and the various Science Collaborations expires at the end of 2023, creating a vacancy. 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 on-line), and relevant Science Collaboration meetings. AAL will support attendance at the workshop in person where possible. The Australian LSST Science Lead also serves in an ex-officio capacity on the AAL LSST Management Committee (ALMANAC).

## 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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