

# Professor of Radio Astronomy

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<b>College/Division</b>	College of Sciences and Engineering
<b>School/Section</b>	School of Natural Sciences
<b>Location</b>	Hobart
<b>Classification</b>	Academic Level E
<b>Reporting line</b>	Reports to Head of Discipline (Physics)

## Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and culture future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

We are seeking to appoint an Associate Professor of Radio Astronomy, in the [School of Natural Sciences](#), which is part of the [College of Sciences and Engineering](#), based on the Hobart campus of the University.

The position is a full-time, ongoing, balanced academic role with equal emphasis on research and on teaching into the vibrant undergraduate physics program at the University. The successful applicant will become the academic leader of a unique and diverse suite of radio telescopes including both large and small dishes in Tasmania and mainland Australia, both singly and as a very long baseline interferometric array.

Radio astronomy is a longstanding area of research excellence at the University. As Director of Radio Observatories, the role will set the broad scientific priorities of the radio astronomy area at the University, conduct research in astrophysics, supervise HDR candidates undertaking radio astronomy research, and seek external funding from scientific and commercial partners to support activities at the radio observatories.

The Professor of Radio Astronomy will use their track record and connections to the scientific community to incorporate the University's radio telescopes into a nationally significant program of research, seek external funding from a variety of sources, and encourage links between the University and the rapidly growing space industry.

**We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.**

## What You'll Do

- Provide leadership in assisting the University to achieve its high-level objectives and fulfil its operational responsibilities, particularly by contributing to the development and implementation of strategy and by building an area of recognised strength.
- Undertake high-quality research of international standing, secure external competitive and other funding, publish research findings and successfully supervise research higher degree students to completion; the incumbent is expected to meet and regularly exceed the University's research performance expectations for Level E.
- Seek external funding from competitive grants and industry partners to sustain and develop the technical capabilities of UTAS radio infrastructure for both scientific and commercial projects



- Undertake scholarly undergraduate (and if relevant postgraduate) coursework teaching of an exemplary quality and provide leadership in key areas of learning and teaching in the discipline.
- Provide exemplary academic leadership, particularly in fostering outstanding research and learning and teaching, and in nurturing and facilitating the career development of other staff.
- Provide leadership in the development and maintenance of productive and effective links inside the University and locally, nationally and internationally with the discipline, relevant interdisciplinary domains, profession, industry and/or wider community.
- Contribute to making the University a vital and sustainable community with a shared purpose and commitment to the fundamental values of honesty, integrity, responsibility, trust and trustworthiness, respect and self-respect, and fairness and justice.
- Undertake other duties as assigned by the supervisor.

### What We're Looking For (success criteria)

- A PhD or equivalent in astronomy or a closely related field.
- An outstanding record in, and continuing commitment to, research that has achieved international recognition and made innovative, distinguished and sustained contributions to the field of radio astronomy, demonstrated by an exemplary record of high-quality publications, presentations at conferences and continued success in securing external competitive and other funding.
- Demonstrated capacity to build successful research teams.
- An outstanding record of successful research higher degree student supervision and completions.
- Extensive experience and demonstrated achievement in University-level learning and teaching.
- Proven ability as an academic leader, with a strong record in team building and creating effective working relationships, along with a capacity to foster excellence in research and teaching and to support and facilitate the career development of staff.
- A demonstrated capacity to build and maintain effective and productive links locally, nationally and internationally with the discipline, interdisciplinary domain, profession, industry and/or wider community.
- A track record of engagement and partnerships with organizations outside of academia which have contributed to the transition of technology from pure basic to applied domains for the good of society.
- Demonstrated capacity to build successful research teams fostering equity, diversity, and inclusivity in a safe and respectful work environment.

### Other position requirements

- Current Working with Vulnerable People registration (or to be obtained)
- Regular travel between campus and observatories
- Visiting and working in the field in remote locations
- Laboratory and workshop activities
- Willingness to undertake a medical assessment based on meeting the inherent position requirements



The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

Check out more here:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

*The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.*

