

Associate Professor of Radio Astronomy

College/Division	College of Sciences and Engineering
School/Section	School of Natural Sciences
Location	Hobart
Classification	Academic Level D
Reporting line	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.

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

- Make a substantial and sustained contribution to the University in achieving its strategic objectives and fulfilling its operational responsibilities.
- Undertake high-quality research of international standing, publish research findings and successfully supervise research higher degree students to completion, in order to meet and regularly exceed the University's research performance expectations for Level D.
- 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 academic leadership, particularly in building teams and fostering outstanding research and/or learning and teaching, and increasingly in supporting the career development of more junior 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.
- A substantial record in, and continuing commitment to, research that has achieved international recognition and made innovative, and sustained contributions to the field of radio astronomy, demonstrated by a very strong record of high-quality publications, presentations at conferences and success in securing external competitive and other funding.
- A substantial record of mentorship including successful research higher degree student supervision and completions.
- Extensive experience and demonstrated achievement in University-level teaching and learning.
- Proven ability as an academic leader, with a record in team building and creating effective working relationships, and capacity to foster excellence in research and teaching.
- A demonstrated capacity to build and maintain effective and productive links locally, nationally and internationally with the discipline, profession, industry (where relevant) and 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.

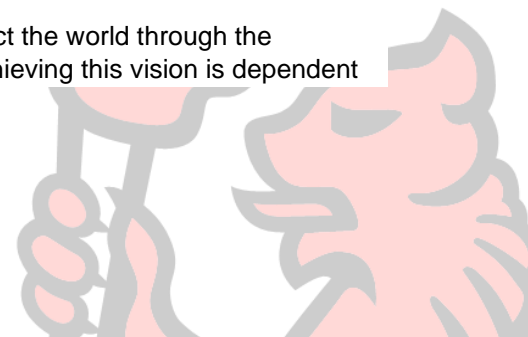
Other position requirements

- 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

University of Tasmania

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.

