

Launch your Space Career



SCHOLARSHIP APPLICATIONS NOW OPEN

The SmartSat invites expressions of interest for higher degrees by research (PhD) scholarships commencing in 2021. Successful candidates will need to be enrolled with one of our university partners and will work on applied R&D which align with our research programs.

PRIORITY R&D TOPICS

Trusted Autonomous Satellite Operations

- o Advanced Autonomy and/or Embodied Intelligence
- o Distributed and Cooperative Architectures
- o Situational Awareness and Health Assessment
- o Interactions, scheduling and execution
- o Explainable AI for Satellite Operations

Secure Software for Space Systems

- o Security and Resilience for space and communication systems

Dynamic Payloads for Communications and Earth Observation

- o Optical Communications
- o RF Communications
- o Earth Observation

Space Systems Research

- o Onboard analytics
- o Data Fusion
- o Remote and in-situ sensing
- o Modelling and simulation of space systems

In addition to the above, topics looking to apply the research the following application areas will be viewed favourably:

- Agriculture and Natural Resources
- Mining and Resources
- Disaster and Emergency Management
- Water and Environmental Management

SMARTSAT
COOPERATIVE RESEARCH CENTRE



Australian Government
Department of Industry, Science,
Energy and Resources

Business
Cooperative Research
Centres Program

FUNDING

Generous full scholarships or top-up scholarship stipends will be offered to suitably qualified applicants of PhD by Research programs.

ELIGIBILITY

Scholarships are available for Australian residents. Non-residents will be considered, subject to project-specific requirements. Applicants should have a first-class honours degree or equivalent in a related discipline, e.g., electronic/computer engineering.

BENEFITS

All students within the SmartSat education and training program become valuable members of SmartSat, and will benefit from:

- professional development opportunities through conference series and networking events
- access to industry training and mentoring programs
- being part of an organisation that links research and industry
- generous internship opportunities with industry and end-user partners to enable both academic and industry-based research experience.

HOW TO APPLY

Please download the [application form](#) (under Study with Us on the SmartSat website) and send completed forms and supporting information, as a single PDF file, to HDR@smartsatcrc.com

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