

Swinburne University of Technology

Faculty of Engineering and Industrial Sciences

Director, IRIS- "manufacturing research at Swinburne"

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IRIS to Grow: Be part of it and register your interest to become an Associate Member

IRIS is growing. In the immediate future we intend "to grow from within"; that is by incorporating existing University staff who can support the IRIS mission of 'research in manufacturing'.

Membership of IRIS holds many attractions; for example:

- IRIS houses valuable equipment in a dedicated facility that is a resource for focussed and concentrated research activity in areas of surface science and interface engineering.
- Members of IRIS have access to PGs via the internal scholarship process.
- IRIS members participate in collaborative research with an emphasis on manufacturing.
- There is a formal and informal IRIS network, which is quite attractive when for applying for ARC LIEF grants as well as other funding schemes.
- The research students of IRIS members work in common, thematic research areas based on surface science and interface engineering and gain much from working alongside each other.
- IRIS teaching revolves around units and subjects that are 'research-based', when at all possible. For example, AMT and other PG programs, UG project and thesis studies, and PG supervision.
- IRIS will be offering workshops and career-enhancement activities that are aimed at staff and student development, yet also focus on IRIS' manufacturing research interests. For example:
 - Integrated teams for ARC-type proposals will be formed for a focussed, concerted response to research.
 - Existing CRC networks can be accessed via points of contact so proposal development via peer-to-peer networks can evolve.
 - Industrial partners will be leveraged via the existing IRIS network to better serve our research mission.
 - New exploratory areas will be initiated.

General guidelines for IRIS membership would be as follows:

- Membership of IRIS would be unrestricted with regard to academic level and be based on merit and fit into the Universities research mission.
- Membership of IRIS is a long term commitment.
- Members of IRIS will maintain a teaching load that is commensurate with their research load.
- Metrics for membership of IRIS, measured over a long-term basis, include:
 - (i) number and quality of publications,
 - (ii) number of PG students supervised,
 - (iii) number of PG completions,
 - (iv) external grant activities and income,
 - (v) research citizenship to internal and external constituencies,
 - (vi) research stewardship with respect to mentoring and sustainability of resources.

Membership in IRIS will change on a regular basis as people adjust their career options and priorities.

You are invited to register your interest for associate member status of IRIS! Please indicate your interest by writing to Chris Berndt. This process is not intended to be onerous; that is present a few ideas on how you can contribute to the research brief of IRIS.

IRIS = manufacturing research in Australia for Australia. < <http://www.swinburne.edu.au/feis/iris/> >