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2009 IATUL Proceedings

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Suzanne Clarke, "Scholarly information repository services at Monash University." *Proceedings of the IATUL Conferences*. Paper 33.
<http://docs.lib.purdue.edu/iatul/2009/papers/33>

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Scholarly Information Repository Services at Monash University

This paper will provide background on the strategic environment for repositories and data management based on Monash experience. Monash University has a serious commitment to repositories and research data management and has had a leadership role in several national Systemic Information Infrastructure (SII) projects (ARROW, DART and ARCHER), as well as the Monash University Information Management Strategy and specific data management activities. In recognition of its commitment to data management, Monash University was selected to be the lead agent in the Australian National Data Service (ANDS). This is a national project which is working to develop good data management practice, collaboration, infrastructure and services.

The paper will then provide an overview of the implementation of the Monash ARROW repository <http://arrow.monash.edu.au/vital/access/manager/Index>, and other initiatives at Monash University, which are a collaborative endeavour between the Library, eResearch Centre, Research Office, Information Technology Services and Records and Archives Services.

These initiatives include the development of the Monash ARROW research repository, the development of the federated repositories of X-ray diffraction images and support for national research evaluation programs, currently entitled the Excellence in Research for Australia (ERA).

Monash University has concentrated efforts on bringing into the public domain, through the repository, material that would not otherwise be available. This includes an historical picture collection, several music collections, and patents as well as the Monash thesis collection back to 2000, which have been digitized. Monash University continues to identify other unique material that reflects its research and other activity; for example, the back issues of the student newspaper *Lot's Wife* will be digitized.. Further, the repository now provides support for a number of open access journals where the editor is a Monash academic. Currently 30,000 Monash publications are being prepared to be loaded in to the repository which represents the research output of the University.

The paper will highlight the development by a team led by Associate Professor Ashley Buckle (Department of Biochemistry and Molecular Biology) and Anthony Beitz from the ARCHER project to develop federated repositories of X-ray diffraction images.

Conclusions will be made about the future of repositories and the learnings from the journey outlined above.

Suzanne Clarke is the Director of the Information Resources Division at the Library of Monash University in Melbourne, Australia. She is responsible for ensuring the effective management and delivery of the Library's information resources. This includes acquisition, cataloguing, and licensing, collection development, preservation of electronic, print and audiovisual resources, including the ARROW repository and data management, ensuring that information is readily available to all Monash University Library users through the Library catalogue and web services.