

## Session 1 Open Access and Institutional Repository in Asia-Pacific

### アジア・環太平洋地域におけるオープンアクセスと機関リポジトリ

**Chair: TAKEUCHI Hiroya (Chiba University, Associate Professor)**

座長： 竹内比呂也(千葉大学准教授)

**ADACHI Jun** is Professor in the Digital Content and Media Sciences Research Division, National Institute of Informatics (NII), Japan. He is also the Director of the Cyber Science Infrastructure Development Department of NII. His professional career has largely been spent in research and development of scholarly information systems, such as NACSIS-CAT and NII-ELS. He is also an adjunct professor of the Graduate School of Information Science and Technology (Department of Information and Communication Engineering), University of Tokyo. His research interests are information retrieval, text mining, digital library systems, and distributed information systems.

Adachi received his BE, ME and Doctor of Engineering in Electrical Engineering from the University of Tokyo in 1976, 1978, and 1981, respectively. He is a member of IPSJ, IEICE, IEEE, and ACM.

**安達淳** 国立情報学研究所(NII)コンテンツ科学研究系教授。NII の学術基盤推進部長も兼務。主に NACSIS-CAT や NII-ELS といった学術情報システムの研究と構築に従事してきた。東京大学情報理工学系研究科電子情報学専攻併任教授。学術上の関心は、情報検索、テキストマイニング、電子図書館、分散情報システム。工学博士(東京大学、1981)。所属学会 IPSJ, IEICE, IEEE, ACM。

**Nanee LEE** is an information services and resources librarian, Ewha Womans University Library.

#### Education

- B.S., Computer Science & Statistics, Seoul National University (1992)
- M.L.S., Library & Information Science, Ewha Womans University (1996)
- Enrolled in Ph.D. Program(Completed coursework), Library & Information Science, Ewha Womans University

#### Selected Professional Experience

- Information Services and Resources Librarian (1996- )
- Task Force Team Manager responsible for Setting Up dCollection@Ewha (Institutional Repository at Ewha) (2003-2004) and Content Recruitment by linking IR with Academic Research Performance Database (2006- )
- Task Force Team Manager responsible for Implementing Electronic Resources Management System & Integrating Electronic Resources Service (2005-2007)

**Nanee LEE** 韓国梨花女子大学図書館情報サービス・資源担当司書。

学歴： コンピュータ科学・統計学学士(ソウル国立大学、1992)、図書館情報学修士(梨花女子大学、1996)、図書館情報学博士課程入学(梨花女子大学)。

主な職務経歴： 情報サービス・資源担当司書(1996～)、機関リポジトリ「dCollection@Ewha」設立タスクフォース責任者(2003～2004)、機関リポジトリと研究業績データベースの連携によるデータ収集タスクフォース責任者(2006～)、電子情報管理システム実装・電子情報サービスシステム統合タスクフォース責任者(2005～2007)

**Jieh HSIANG** received his Ph.D. from the Department of Computer Science of the University of Illinois at Urbana-Champaign in 1982. After teaching as professor at the State University of New York at Stony Brook, he returned to Taiwan and became a Professor in Computer Science at the National Taiwan University and a Research Fellow at the Academia Sinica. Between 1998 and 2001, he founded and served as the first Dean of the College of Science and Technology of the National Chi-Nan University. He was appointed the University Librarian of NTU in 2002. Professor Hsiang actively engaged in the National Digital Archives Program of the NSC and the National Repository of Cultural Heritage Project of the Council for Cultural Affairs. He is currently in charge of the digitization effort at NTU. Professor Hsiang has written over 150 journal and conference articles and has served on the editorial boards of several international journals. He was the recipient of the Research Excellence Award (twice) from the NSC and the Academic/Industrial Collaboration Award from the Ministry of Education of Taiwan. His paper (with Leo Bachmair and Nachum Dershowitz) also received the first IEEE LICS Test-of-Time Award in 2006.

項潔 Ph.D.(計算機科学、イリノイ大学アーバナ・シャンペーン校、1982)。ニューヨーク州立大学ストーニーブルック校で教授を務めた後、台湾に戻り国立台湾大学(NTU)で計算機科学の教授、中央研究院で研究員。1998～2001年、国立暨南国際大学科技学院を創設し、初代学院長を務める。2002年 NTU 図書館長。国家科学委員会(NSC)のデジタルアーカイブ計画や文化建設委員会の文化遺産プロジェクトのリポジトリ事業に積極的に関与してきた。現在は NTU で電子化事業に取り組んでいる。150以上の論文や学会発表があり、いくつかの国際的なジャーナルの編集委員も務める。NSCの優秀研究賞(2度)、台湾教育部の産学連携賞を受賞。2006年には Leo Bachmair, Nachum Dershowitz との共著論文で IEEE LICS(Logic in Computer Science)の”Test-of-Time”賞を受賞。

**Paula CALLAN** established the institutional repository at Queensland University of Technology (QUT) in Australia in 2003. Paula has nearly 20 years experience as a librarian and has additional qualifications in psychology and education; a useful skill set as for a role that involves advocacy, training, negotiating and change management. QUT now has the highest rate of author self-archiving in Australia, providing open

access copies for over 50% of the peer reviewed publications published by QUT authors since the repository was established. Paula is also involved in numerous open access and repository related projects in Australia including ARROW and OAK Law.

**ポーラ・カラン** クイーンズランド工科大学(QUT)の機関リポジトリを2003年に開設。司書としての20年近い経験に加え、心理学と教育に関する資格も持っており、それらのスキルは提言・訓練・交渉・変更管理などを担う役割において役に立っている。QUTは著者のセルフアーカイビング率がオーストラリア内で最も高く、リポジトリが開設されて以降、所属研究者による査読誌掲載論文の50%以上がオープンアクセスにされている。彼女はまた、ARROWやOAK Lawも含めた、オーストラリアにおける多くのオープンアクセスやリポジトリに関するプロジェクトに関わっている。

**Subbiah ARUNACHALAM**, Distinguished Fellow at the M S Swaminathan Research Foundation, Chennai, India, is an information scientist. An Honorary Fellow of CILIP and a Life Member of IASLIC, he is on the editorial boards of half a dozen refereed journals including Journal of Information Science, Scientometrics, Current Science, and Journal of Community Informatics. He is on the Executive Committee of Global Knowledge Partnership and on the International Advisory Board of Institute of Information and Communication for Development, The Hague. He is a on the Board of Trustees of the Electronic Publishing Trust for Development. Before joining MSSRF, Arun (as he is known) was editor of scientific journals published by the Council of Scientific and Industrial Research, New Delhi, a visiting professor at Indian Institute of Technology, Chennai (1996-1998), and secretary and editor of publications of the Indian academy of sciences, Bangalore (1973-1975). His major interests are improving access to information for scientists and scholars on the one hand and the rural poor on the other. He is well known in the scientometrics, open access and ICT for D communities.

**スバイア・アルナチャラム** インド、チェンナイ M S スワミナサン研究財団特別研究員。CILIP 名誉研究員・IASLIC 終身会員。Journal of Information Science, Scientometrics, Current Science, Journal of Community Informatics などの雑誌の編集委員。グローバルナレッジパートナーシップ実行委員。国際コミュニケーション開発研究所(オランダ・ハーグ)国際アドヴァイザリー委員。Electronic Publishing Trust for Development 評議委員。過去には科学技術研究評議会の科学雑誌編集、インド工科大学(チェンナイ)客員教授(1996-1998)、インド科学アカデミー(バンガロール)で出版物の編集(1973-1975)。主な関心テーマは、科学者や研究者の情報アクセスの向上、地方の貧困。発展途上地域における科学計量学、オープンアクセス、ICTで知られる。

(訳・DRFIC2008 実行委員会)

## **NII's initiative for developing institutional repositories in Japan**

**ADACHI Jun**

**National Institute of Informatics**

National institute of informatics (NII) has been working on the implementation of institutional repositories towards the evolution of data-centric science since 2004. After a pilot stage in 2004-2005, a full-fledged project aims a twofold goal: nationwide introduction of institutional repositories and innovative research and development. It was the first case that competitive selection process was applied to the university library community in Japan. As a result, almost 70 institutional repositories are now operating in Japan. In the R&D aspect, 22 projects carried out in 2006, and they are reorganized into 14 projects in 2007. Among them, two projects to support the library community, DRF and SCPJ, have achieved significant results. A third-party evaluation showed positive results to support NII's endeavor. A lesson, however, is that some system development projects have not brought spillover effects as initially expected. As the second period (2008-2010) of the project will continue to aim the same twofold goal as the first period, the R&D area of the project in the second period (2008-2010) will emphasize (1) development of new value-added services through collaboration among institutional repositories and (2) research and development to improve usability of institutional repositories. This presentation will include more details on our concept of institutional repositories in the near future.

国立情報学研究所では 2004 年から機関リポジトリ構築を支援している。2004-2005 年のパイロット段階を経て、2006 年からは全国的な機関リポジトリ導入・運用と先端的研究開発の二つの目標のもと本格的にプロジェクトが実施された。公募による選定が行われたのは日本の大学図書館界では初めてのことであった。このプロジェクトの結果、導入面ではすでに日本国内で 70 近い機関リポジトリが運用を開始している。また研究開発では 2006 年に 22 プロジェクトが委託され、2007 年には 14 プロジェクトが継続している。とりわけ、担当者コミュニティを支援する二つのプロジェクト、DRF と SCPJ は一定の成果を収めている。いくつかのシステム開発プロジェクトにおいて、当初意図されていた波及効果に制約が見られるのが今後の反省点である。当構築支援プロジェクト第 2 期 (2008-2010) は第 1 期の二つの目標を継続するが、研究開発においては機関リポジトリの連携による付加価値サービスや利便性向上をさらに強調する。この講演では今後の展望に詳しく触れる予定である。

## Institutional Repositories in Korea

Nanee LEE

Womans University Library, Seoul, Korea

Nowadays, Colleges and universities in Korea increasingly recognize the need of developing institutional repositories to capture, manage, archive and preserve institutional scholarly assets. To fulfill the needs for IRs, in 2003, KERIS developed an institutional repository system, “dCollection (digital Collection) system”, which provides a platform to self-archive, harvest, control and serve scholarly outputs. As 215 universities participate in as of 2007, dCollection acts as one of major collaborations among Korean academic libraries and KERIS. This presentation will give an overview of dCollection and discuss activities for facilitating IRs, including working committees, standardization efforts, research projects, best content recruiting practices, etc. And also, future plans and possibilities about open access IRs in Korea will be discussed briefly.

## 韓国における機関リポジトリ

Nanee LEE

梨花女子大学図書館 (ソウル・韓国)

近年、韓国の大学では機関の学術的資産の獲得、管理、保管、保存の為の機関リポジトリの必要性の認識が高まっている。機関リポジトリに対する必要性を満たす為、2003年に韓国教育学術情報院(KERIS)は、学術的な産出のセルフアーカイブ、ハーベスティング、コントロール、提供のためのプラットフォームとなる機関リポジトリシステム“dCollection system”(デジタルコレクションシステム)を開発した。2007年時点で215大学が参加しており、dCollectionは韓国の大学図書館とKERISとの間の大きな連携のひとつとしての役割を果たしている。今回の発表ではdCollectionを概観し、運営委員会・標準化活動・研究計画・最良コンテンツ収集活動などを含めた、機関リポジトリの促進活動について論じる。更に、韓国におけるオープンアクセス機関リポジトリに関する将来計画と可能性についても簡潔に論じていきたい。

(訳・DRFIC2008 実行委員会)



## Institutional Repositories in Korea

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DRF International Conference 2008  
*Open Access and Institutional Repository in Asia-Pacific*  
30th and 31st January, Osaka, JAPAN

## Agenda

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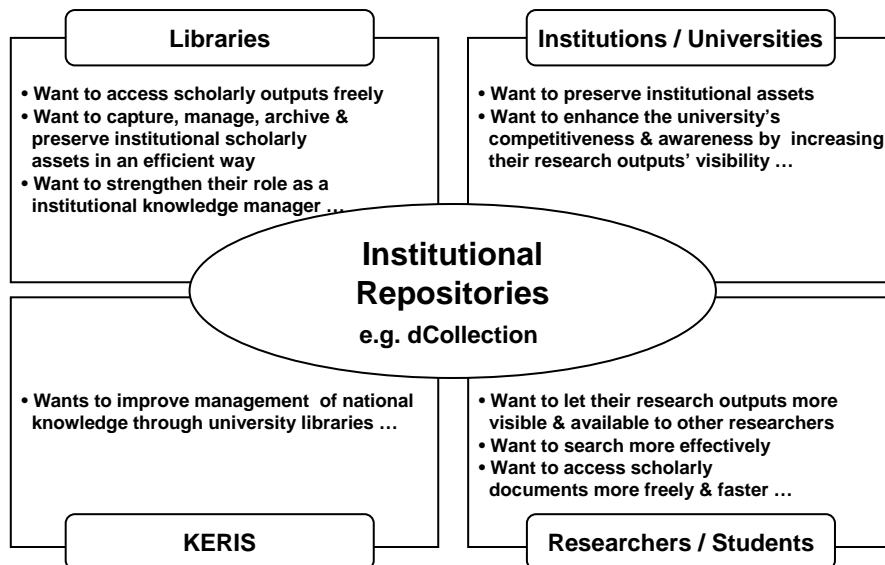
- Open Access in Korea
- Background of IRs in Korea
- Overview of dCollection
- Activities for Facilitating IRs
- Good Practices of Content Recruiting in IR
- Future Plans and Possibilities

## Open Access in Korea

- Institutional Repositories
  - » IRs based on dCollection system developed by KERIS
  - » IRs based on Dspace
- Open Access Journals
  - » *Academic Society Village* hosted by KISTI
  - » Academic scholarly journals captured and disseminated via dCollection homepage and RISS4U
- Open Access Forum  
(in preparation sponsored by KRF)

I'll focus on IRs based on dCollection

## Background of IRs in Korea



## Overview of dCollection

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- dCollection denotes digital Collection
- Open access institutional repository system implemented in 2003 by KERIS
- Platform to capture, manage, distribute, and preserve the metadata and/or fulltext of scholarly outputs produced in universities
- System for self-archiving, harvesting, control and service of scholarly outputs
- One of major collaborations among Korean academic libraries



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이화여자대학교 도서관



## Overview of dCollection (continued)

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- Uses metadata based on extension of DC with additional elements
- Harvests metadata and full-text URL to KERIS central system using SP(Service Provider) module of OAI-PMH
- Expands services to end-users by transferring dCollection DB to KERIS union catalog DB available on RISS4U website
- Provides standard interface by using OAI-PMH v2.0 for distributing metadata



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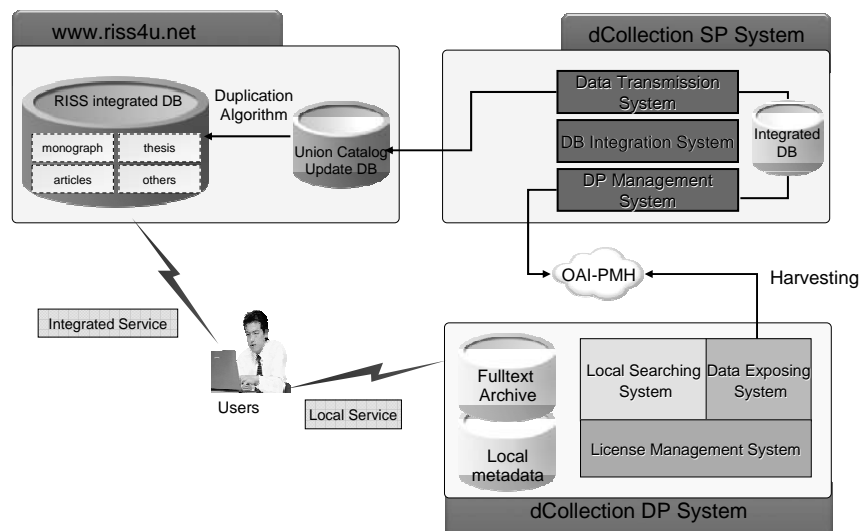


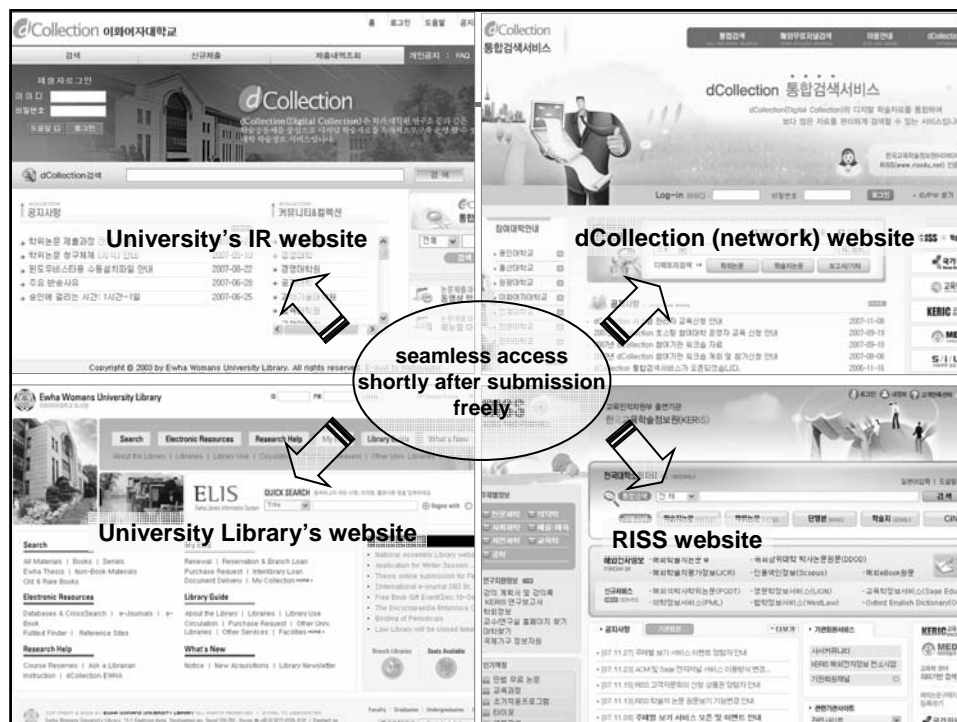


## Overview of dCollection (continued)

- Used in 215 universities as of Dec., 2007 since 4 university libraries participating in pilot project in 2003
  - » including 138 academic libraries using web-based hosting system
- Over 638,147 documents in service as of Oct., 2007 including
  - » about 455,639 dissertations/theses (71.4%)
  - » about 130,230 articles (20.4%)

## System Architecture of dCollection



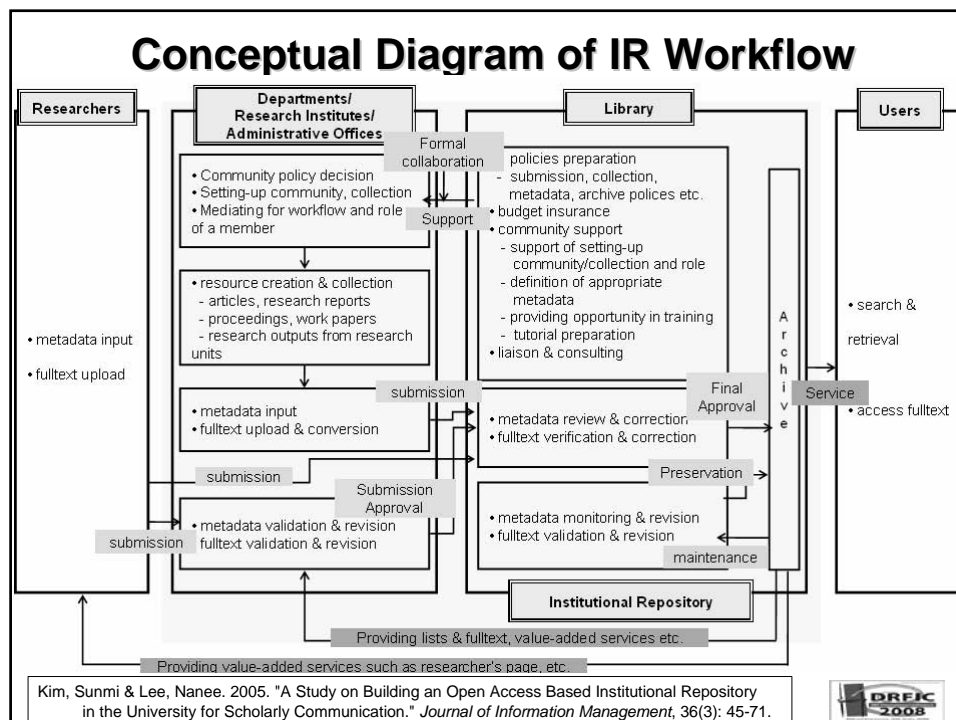


## Activities for Facilitating IRs

- Working committees on the basis of librarians' active participation in
  - » Standardizing metadata and workflow
  - » Discussing functional requirements for enhancing dCollection system
  - » Issuing guidelines about describing metadata, promoting IR, content recruiting, etc.
- Development best practices by supporting 'Model University Library Program'

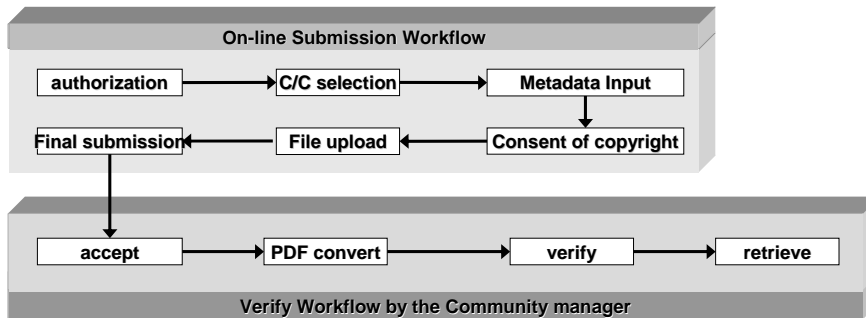
## Activities for Facilitating IRs (continued)

- Research projects cooperated with researchers and librarians such as
  - » *Building the Management Model for the National Consortium of Institutional Repositories (2005)*
  - » *Evaluation Model for the National Consortium of Institutional Repositories of Korean Universities (2006)*
  - » *Building an Management Model of University Performance Database for Facilitating Institutional Repository (2006)*



## Self-Archiving of Dissertations/Theses

- Digital submission of dissertation/thesis became regulatory in most of universities
- Graduate students self-archive dissertations/theses
- Graduate students may agree for OA and use CC for copyright condition
- Submitted files are converted automatically into PDF format
- Librarians review metadata and verify converted file status



## Capturing University Units' Publications

- Capturing research outputs created by research units in the university, such as scholarly journals, research papers, etc.
- Under contract with research institutes, academic societies, and laboratories, etc.
- Can be **mediated** by librarians or deposited by individual units
- May provide fulltext with embargo (in delayed open access) on a research unit's request
- e.g. Ewha Womans Univ.'s, Pusan Univ.'s IR

## Capturing University Units' Publications

*Asian Journal of Women's Studies* with 2 years embargo

Asian Journal of Women's Studies(AJWS)

Asian Center for Women's Study ; Ewha Womans University Press [KCI 등재, SSCI, SCOPUS] [1225-9276]

- 선행 학술지명[AJWS]

[illegible]

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## Connecting IR with Univ. Performance DB

- Capturing scholarly outputs by connecting IR with university performance database for
  - » collecting research outputs produced by faculties exhaustively
  - » reducing redundant work to submit metadata
- Submission of research list into performance system is mandatory in many universities
- Pilot project ongoing in Ewha Womans Univ.'s IR (dCollection EWha) in cooperation with the Univ. Research Support/Grants Office



Ewha Womans University Library



## Connecting IR with Univ. Performance DB (Pilot Project)

Work with Univ. Research Support/Grants Office  
To Share Information About Univ. Research Performance DB

Work with Univ. IT Center  
To Develop Connecting Program and Share Database

Work with Research Project Team and KERIS  
To Discuss About Metadata Extension and Program Enhancement

Work within Library  
To Establish Policies About Workflow, Support for Early Adopters

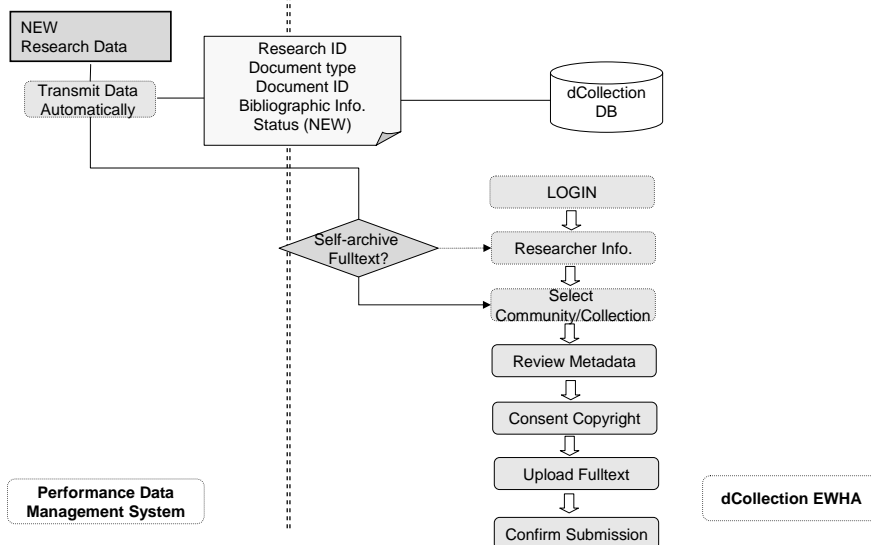
Initiate Contact with a faculty in Early Adopters and Work with them  
To Identify their needs, Request Participation in IR and Sharing Agreement

Work with Early Adopters  
For Deposit of F/T and Additional Copyright Consent Required by Publishers

...

Over 2,200 metadata produced by  
College of Pharmacy Faculties is  
prepared and we acquire agreement  
about IR involvement, as of Dec. 2007.

## Connecting IR with Univ. Performance DB (Connection Flow)



## Connecting IR with Univ. Performance DB (Services in Preparation for Early Adopters)

**Management of research lists, fulltext, and data in IR**

**Creation of research lists in various format**

**Embedding IR search page into department's homepage**

Chung, J., Kim, S. Y., Lim, J., Choi, H., Kang, S., Yoon, H., Ryu, H., Kang, D. W., Lee, J., Kang, B., Choi, S., Toth, A., Pearce, L. V., Pavlyukovets, V. A., Lundberg, D. J. and Blumberg, P. M. (2007)  $\alpha$ -Substituted N-(4-tert-butylbenzyl)-N'-[4-(methylsulfonylamino)benzyl]thiourea analogues as potent and stereospecific TRPV1 antagonists. *Bioorganic & Medicinal Chemistry*, 15, 6043-6053. [dCollection 원문 보기] [출판사 원문 보기]

Soltanshahi, F., Mansley, T., Choi, S. and Clark, R. (2006) Balancing focused combinatorial libraries based on multiple GPCR ligands. *Journal of Computer-Aided Molecular Design*, 20, 529-538. [dCollection 원문 보기] [출판사 원문 보기]

Wang, T., Lee, H. J., Toshi, D. K., Kim, H. O., Pal, S., Choi, S., Lee, Y., Moon, H. R., Zhao, L. X., Lee, K. M. modeling studies of 5'-hydrogen bonding donor. *Bioorganic & Medicinal Chemistry*, 15, 6043-6053. [출판사 원문 보기]

## Future Plans and Possibilities

- Developing additional services to increase faculties' and university units' participation, such as researchers' and communities' pages (2008)
- Functional enhancement of IR system to handle preprints' and postprints' additional information more efficiently, such as publisher's copyright policy, etc. (2008)
- Constructing copyright database which covers Korean scholarly publisher's policies related with IR (2008)

## **Future Plans and Possibilities** (continued)

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- Extending metadata to describe materials with various types and preparing guidelines about metadata (2007-)
- Considering adaptation and/or crosswalks of E-Learning materials
- Considering the connection IR with electronic journal publishing system
- Considering overseas dissemination of Korean open access IR database



## **Institutional Repositories in Taiwan – a Status Report**

**Jieh Hsiang**

**University Librarian**

**Professor in Computer Science**

**National Taiwan University**

Taiwan is among the major countries in terms of research outputs. In addition to journal publications, there are also a wealth of unpublished research reports and conference publications. They do not get the exposure they deserved mainly because they are written in Chinese and that there is no easy way to access them.

In this talk, we describe the activities on building institutional repositories in Taiwan. Although there were IRs built by various universities, a concerted effort did not start until 2005, when the Ministry of Education commissioned the National Taiwan University Library to build the Taiwan Academic Institutional Repository (TAIR) system. The system was completed in 2006, which now contains more than 45,000 records of NTU research outputs, about 27,000 of which with full text. In October 2006, NTU initiated the IR30 project, aiming at deploying TAIR in at least 30 Taiwanese universities. Within a couple of months, more than 60 universities have expressed interest, among them over 30 have made firm commitments. NTU is installing the system at 7 seed universities, which will then help disseminate it to other participating universities.

### **台湾における機関リポジトリ現状報告**

**項潔**

**国立台湾大学 大学図書館長・計算機科学教授**

台湾は研究アウトプットという観点では主要国のひとつである。雑誌論文に加えて、未公開の研究報告や会議録もある。それらは中国語で書かれていることと、アクセスするのが容易ではないということが主な理由で、その価値に比べて表に出ていない。今回の発表では、台湾における機関リポジトリ発足の活動について述べる。様々な大学が立ち上げた機関リポジトリがあるが、共同的な取り組みは始まったのは、教育部が国立台湾大学図書館に台湾学術機関リポジトリ(TAIR)システムの設立を委託した2005年からである。システムは2006年に完成し、現在国立台湾大学の研究アウトプットが45,000以上登録されており、そのうち約27,000がフルテキストである。2006年10月には、国立台湾大学は少なくとも30の大学にTAIRを展開することを目的とした、IR30プロジェクトを開始した。数ヶ月以内に60以上の大学が関心を示し、そのうち30以上の大学と契約を交わした。国立台湾大学は7箇所の大学でシステムをインストールしており、他の参加大学へ普及させる際に役立つと思われる。

(訳・DRFIC2008 実行委員会)

**DRF International Conference 2008**  
Open Access and Institutional Repository in Asia-Pacific  
30th-31st January 2008  
Osaka, JAPAN

**Open Access  
and Institutional Repositories in Australia**

**Paula Callan** ,  
eResearch Access Coordinator  
Queensland University of Technology (QUT)  
Brisbane, Australia

**Abstract:**

This presentation outlines some of the major open access and repository-related initiatives currently underway in Australia and the Government funding programs that have provided the financial support for these initiatives. Four repository case studies illustrate the different approaches to open access that can currently be found in Australian universities and discusses why these approaches are now becoming increasingly similar. The presentation also discusses some strategies that may help to foster the uptake of open access opportunities and identifies possible disincentives in the system that may need addressing.

**オーストラリアにおけるオープンアクセスと機関リポジトリ**

**ポーラ・カラン**  
eResearch アクセスコーディネーター  
クイーンズランド工科大学  
オーストラリア、ブリスベン

今回の発表では、近年オーストラリアで進行中の主要なオープンアクセスやリポジトリに関するイニシアチブと、それらのイニシアチブに資金的援助を行った政府の資金提供プログラムの概説をする。4つのリポジトリの事例研究は、近年オーストラリアの大学で見られるオープンアクセスへの異なるアプローチを示している。そして、それらのアプローチが次第に似てきているのは何故かについて論じる。また、オープンアクセスへの理解を促進する助けになるであろういくつかの戦略についても議論し、対処が必要になるであろう、システムで起こりうる阻害要因を確認する。

(訳・DRFIC2008 実行委員会)



**Open Access and Institutional  
Repositories in Australia**  
**Paula Callan** ,  
eResearch Access Coordinator  
Queensland University of Technology (QUT)  
Brisbane, Australia

**DRF International Conference  
2008**  
Open Access and Institutional Repository in Asia-  
Pacific  
30<sup>th</sup>-31<sup>st</sup> January 2008  
Osaka, JAPAN

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 **QUT**  
Queensland University of Technology

CRICOS No. 000213J

**Why do we need open access?**

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## Quantifying the Value of Open Access

Figure 2 Impact framework: subscription publishing versus open access



- John Houghton & Peter Sheehan used economic modelling to estimate the potential value of increased access to research.
- For Japan, they estimated that a 5% increase in access could be worth between US\$269 - \$807m each year

Houghton, J. Sheehan, P. (2006) The Economic Impact of Enhanced Access to Research Findings <http://eprints.vu.edu.au/archive/00000472/>



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Australian Government  
Department of Education, Science and Training

## Government Support for Open Access in Australia

- 2004 - *Quality and Accessibility Frameworks for Publicly Funded Research* were established.
- The Quality Framework (RQF)
  - a national research assessment exercise
  - first assessment period was due to commence in March 2008

[http://www.dest.gov.au/sectors/research\\_sector/policies\\_issues\\_reviews/key\\_issues/accessibility\\_framework/](http://www.dest.gov.au/sectors/research_sector/policies_issues_reviews/key_issues/accessibility_framework/)



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## Government Support for Open Access in Australia

- The *Accessibility Framework* was to improve access to research outputs.
  - an agreed approach for managing research outputs and infrastructure so that they are discoverable, accessible and shareable.

[http://www.dest.gov.au/sectors/research\\_sector/policies\\_issues\\_reviews/key\\_issues/accessibility\\_framework/](http://www.dest.gov.au/sectors/research_sector/policies_issues_reviews/key_issues/accessibility_framework/)



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## Government Support for Open Access in Australia

- Issues that *Accessibility Framework* would need to be address were identified as:
  - common standards and protocols
  - technological infrastructure
  - regulatory environment that both enables and encourages the population of repositories and information sharing
  - skills development and culture change

[http://www.dest.gov.au/sectors/research\\_sector/policies\\_issues\\_reviews/key\\_issues/accessibility\\_framework/](http://www.dest.gov.au/sectors/research_sector/policies_issues_reviews/key_issues/accessibility_framework/)



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## Government Support for Open Access in Australia

- Over A\$20m allocated to Open Access / repository-related projects including;
  - APSR, RUBRIC, OAK Law, ARROW & ADT
- A further A\$25.5m was allocated to Universities for repository-related purposes under the ASHER Scheme (Australian Scheme for Higher Education Repositories)

[http://www.dest.gov.au/sectors/research\\_sector/policies\\_issues\\_reviews/key\\_issues/accessibility\\_framework/](http://www.dest.gov.au/sectors/research_sector/policies_issues_reviews/key_issues/accessibility_framework/)



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## APSR Australian Partnership for Sustainable Repositories



<http://www.apsr.edu.au/>

- Coordinates a collection of partner projects including;
  - Fez ORCA AONS
- Outreach and training
  - The Successful Repository
  - Digital Preservation Management Workshop
  - Clever Collections: a national showcase of technical innovations for digital collections



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# RUBRIC

## Regional Universities Building Research Infrastructure Collaboratively

- A structured framework for partner institutions to:

- implement Institutional Repository solutions
- collaborate on the development of better processes and tools
- act collectively to develop the expertise that will be necessary to respond to emerging needs



[http://www.rubric.edu.au/packages/RUBRIC\\_Toolkit/](http://www.rubric.edu.au/packages/RUBRIC_Toolkit/)



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**OAK LAW PROJECT**  
Open Access to Knowledge

## OAK Law Project : Open Access to Knowledge

<http://www.oaklaw.qut.edu.au/>


- Developing legal protocols or licences to simplify the accessing and further communication of publicly funded research
- Templates for open access policies
- Model publishing agreements
- Templates for deposit licences and end-user licences
- Copyright guide for research students
- Guide to creating data management plans



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## OAK Law Guides & Reports



The screenshot shows the OAK Law Project website with a navigation menu on the left and a list of guides and reports in the main content area. The navigation menu includes links for Navigation, Project Home, and Funding. The main content area lists four items:

- A Guide to Developing Open Access Through Your Digital Repository <http://eprints.qut.edu.au/archive/00009671/>
- Copyright Guide for Research Students <http://eprints.qut.edu.au/archive/00009994/>
- Building the Infrastructure for Data Access and Reuse in Collaborative Research <http://eprints.qut.edu.au/archive/00008865/>
- Creating a legal framework for copyright management of open access within the Australian academic and research sector <http://eprints.qut.edu.au/archive/00006099/>



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## OAKList Database of Publisher Policies



The screenshot shows the OAKList Database of Publisher Policies website. The header includes the QUT logo and navigation links. The main content area features a large image of a book with the text "www.law.qut.edu.au/oaklist" overlaid. Below the image, there are sections for "About OAKList", "Copyright Toolkit", "Resources", and "Quicklinks".

- Information-sharing arrangement with SHERPA
- Copyright Toolkit plus other resources to support OA
- Model publishing agreements




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## Open Access and Research Conference 2008 Brisbane, 24-25 September

**Queensland University of Technology**  
Brisbane Australia

<http://www.oar2008.qut.edu.au/>

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OAR2008

[QUT Home](#) [OAR2008 Home](#) [Invitation](#) [Information](#) [Registration](#) [Program](#) [Accommodation](#) [Contact us](#)

### Open Access and Research Conference 2008




image by holkey, licensed under a Creative Commons Attribution license

STAMFORD PLAZA HOTEL, BRISBANE, QUEENSLAND 24-25 SEPTEMBER

### Keynote Speakers include: John Wilbanks & Alma Swan

The way we create and disseminate knowledge has undergone profound change over the last ten years. The capacity of ICT and the rise of a **rich text, highly interactive, user generated and socially active Internet (Web 2.0)** has seen linear models of knowledge production giving way to more diffuse open ended and serendipitous knowledge processes.



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## Australian Research Council : Funding Rules for 2008

**Australian Government**  
Australian Research Council

[GAMS Login](#) [Site Map](#) [Contacts](#)

[Home](#) [About ARC](#) [National Competitive Grants Program](#) [Information for Applicants](#) [Media](#) [General Information](#) [Research Outcomes](#)

**NATIONAL COMPETITIVE GRANTS PROGRAM**

**ARC Research Centres**  
ARC Centres of Excellence (CCE)  
ARC Special Research Centres

**You are here:** Home » NCGP » Discovery Projects  
**Discovery Projects Funding Rules**

- 1.4.5.3. The ARC therefore encourages researchers to consider the benefits of depositing their data and any publications arising from a research project in an appropriate subject and/or institutional repository wherever such a repository is available to the researcher(s). If a researcher is not intending to deposit the data from a project in a repository within a six-month period, he/she should include the reasons in the project's Final Report. Any research outputs that have been or will be deposited in appropriate repositories should be identified in the Final Report.

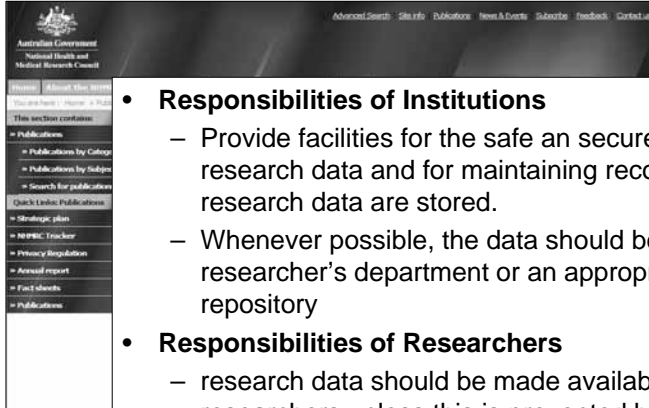
[http://www.arc.gov.au/ncgp/dp/dp\\_fundingrules.htm](http://www.arc.gov.au/ncgp/dp/dp_fundingrules.htm)



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## Australian Code for the Responsible Conduct of Research



The screenshot shows the Australian Government National Health and Medical Research Council website. The header includes the Australian Government logo and navigation links: Advanced Search, Site Info, Publications, News & Events, Subscribe, Feedback, Contact Us. The main content area is titled 'Australian Code for the Responsible Conduct of Research' and lists various sections: Publications, Publications by College, Publications by Institute, Search for publications, Quick Links: Publications, Strategic plan, NHMRC Tracker, Privacy Regulation, Annual report, Fact sheets, and Publications. A sidebar on the left contains a list of links: Home, About this section, Publications, Publications by College, Publications by Institute, Search for publications, Quick Links: Publications, Strategic plan, NHMRC Tracker, Privacy Regulation, Annual report, Fact sheets, and Publications.

- **Responsibilities of Institutions**

- Provide facilities for the safe and secure storage of research data and for maintaining records of where research data are stored.
- Whenever possible, the data should be held in the researcher's department or an appropriate institutional repository

- **Responsibilities of Researchers**

- research data should be made available for use by other researchers unless this is prevented by ethical, privacy or confidentiality matters.

[http://www.nhmrc.gov.au/publications/synopses/\\_files/r39.pdf](http://www.nhmrc.gov.au/publications/synopses/_files/r39.pdf)



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Australian Universities have each chosen their own 'path' in terms of providing open access to their research outputs

.....but we are all heading in the same direction.



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## Institutional Repositories in Australia ANU

**DEMETRIUS**  
THE INSTITUTIONAL REPOSITORY OF THE ANU

**Search Results**  
Advanced Search

Please use this identifier to cite or link to this item: <http://hdl.handle.net/1885/42543>

**Title:** Interview with Jai Ram Raddi by Brij Lal, November 2000. Part 1  
**Authors:** Brij Lal  
**Date Created:** 25 - 30 November 2000  
**Series:** Pacific Manuscripts Bureau  
**Description:** Recording of an interview with Jai Ram Raddi (1937- ), Jai Ram Raddi a lawyer and worked in legal practice and the Fiji Attorney-General became a Member of the Fiji House of Representatives. As an Opposition and served briefly as Attorney-General in the 2000, he was appointed President of the Fiji Court of Appeal in 2002, after the overthrow of the government in August of 2000. He was reappointed President of the Court of Appeal in 2002. Recent Judge at the International Criminal Tribunal for Rwanda. Jai Ram Raddi of the Australian National University, Canberra. Record 30 November 2000.  
**URI:** <http://hdl.handle.net/1885/42543>  
**Appears in Collections:** Jai Ram Raddi

File	Description	Size	Format
PMBaudi00-45.wav		2039K	WAV
PMBaudi00-46.wav		2039K	WAV
PMBaudi00-47.wav		2039K	WAV
PMBaudi00-48.wav		2039K	WAV
PMBaudi00-49.wav		2039K	WAV
PMBaudi00-50.wav		2039K	WAV

**ANU E Press**  
Community home page

**ANU E Press on Innovation**  
The ANU E Press provides an electronically delivered scholarly resource available on the web or downloaded and printed on demand. The ANU E Press is an online journal with a focus on research and innovation in the ANU community. The ANU E Press provides a platform for the publication of research and innovation in the ANU community. The ANU E Press provides a platform for the publication of research and innovation in the ANU community.

**Australian National University (ANU)**  
<http://dspace.anu.edu.au/>



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## Institutional Repositories in Australia UTS

**UTS Press Journals**

Home | Institutional Repository | Journals | Conferences | Search | Help |

**Open Journal Systems**

Journal of Information & Communication Technology

African Journal of Information & Communication Technology

Porter Journal of Multidisciplinary International Studies

Public History Review

University of Technology Sydney is supporting the development of new open access journals as a mechanism for providing open access to their research outputs

University of Technology Sydney  
<http://epress.lib.uts.edu.au/ojs/>



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## Institutional Repositories in Australia UQ



University of Queensland  
<http://espace.library.uq.edu.au/>

- extremely broad scope
  - Digital collections
  - Research data
  - Multimedia & software
  - Teaching materials
- used for research reporting
  - comprehensive coverage of research publications at the metadata level
  - significant level of open access fulltext
- linked to staff profiles
- uses Fez software, developed at UQ



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## Institutional Repositories in Australia : QUT

**Queensland University of  
Technology, Brisbane**

Focus is currently on  
providing open access to the  
postprint version of QUT's  
peer-reviewed publications

Repository (QUT ePrints)  
established in 2003

<http://eprints.qut.edu.au>

University-wide eprint policy  
(mandate) in effect since  
January 2004



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# Institutional Repository Policy at QUT

## 1.3.2 Policy

Material which represents the total publicly available research and scholarly output of the University is to be located in the University's digital or " E print " repository, subject to the exclusions noted. In this way it contributes to a growing international corpus of refereed and other research literature available on line, a process occurring in universities worldwide.

[http://www.mopp.qut.edu.au/F/F\\_01\\_03.jsp](http://www.mopp.qut.edu.au/F/F_01_03.jsp)



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## Growth of Repository Content at QUT 2004-2007



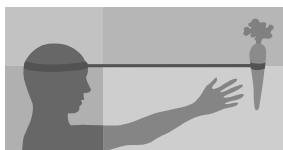
- 8,200+ objects
- Approx 75% include open access fulltext

<http://eprints.qut.edu.au/>



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## Motivating researchers to self-archive



### Electron paramagnetic resonance and optical absorption spectral studies on chalcocite

Frost, Ray and Reddy, Lakshmi and Fayazuddin, Md and Endo, Tamio (2007) Electron paramagnetic resonance and optical absorption spectral studies on chalcocite. *Spectrochimica Acta A* 68:pp. 420-423.

Full text available as:  
PDF (Author Version) - Requires Adobe Acrobat Reader or other PDF viewer.

#### Abstract

A chalcocite mineral sample of Shaha, Congo is used in the present study. An EPR study on powdered sample confirms the presence of Mn(II), Fe(III) and Cu(II). Optical absorption spectrum indicates that Fe(III) impurity is present in octahedral structure whereas Cu(II) is present in rhombically distorted octahedral environment. Mid infrared results are due to water and sulphate fundamentals.

Item Type:	Journal Article
Status:	Published
Keywords:	EPR, optical absorption, copper, manganese, iron, chalcocite.
Subjects:	250000 Chemical Sciences > 250100 Physical Chemistry (incl. Structural) > 250105 Structural Chemistry 250000 Chemical Sciences > 250100 Physical Chemistry (incl. Structural) > 250104 Chemical Spectroscopy 250000 Chemical Sciences > 250100 Physical Chemistry (incl. Structural) > 250103 Colloid and Surface Chemistry
ID Code:	10436
Deposited By:	Frost, Ray
Deposited On:	26 October 2007
Alternative Locations:	<a href="http://dx.doi.org/10.1016/j.saa.2006.11.046">http://dx.doi.org/10.1016/j.saa.2006.11.046</a>
Copyright Owner:	Copyright 2007 Elsevier
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### ePrints mean impact

**Research**  
QUT has led the charge for open and rapid access to academic papers in Australia with the introduction of ePrints, and it's proving highly successful with one university academic's papers attracting more than 2100 hits.  
Professor Ray Frost, from the School of Physical and Chemical Sciences, has provided phenomenal interest in his research with people worldwide downloading his research papers at an average rate of more than 2000 a month.  
QUT ePrints provides open access to electronic copies of peer-reviewed research journal articles and conference papers, Professor Frost said.  
"It gives everybody worldwide access to papers in research involving QUT academics," he said.  
"QUT ePrints is also important because the database shows with whom QUT academics have collaborated both nationally and internationally. The best thing about it is that people can download papers free of charge. I no longer have to package up hard copies of papers and send them in the post."  
QUT's Research Access Coordinator, Paula Collier, said universities around the world were beginning to adopt similar repositories, but QUT was one of the first in Australia.  
"QUT currently has the highest deposit rate in terms of the proportion of annual research publication output being deposited by the authors in an open access repository," she said.  
Ms Collier said the university was always looking for ways to improve the service and in the coming months would be migrating QUT ePrints to new, more extensible software.  
QUT ePrints is available at [www.eprints.qut.edu.au](http://www.eprints.qut.edu.au). For details, email [eprints@qut.edu.au](mailto:eprints@qut.edu.au).



Queensland University of Technology Newspaper  
Issue 289 October 17, 2006 - February 12, 2007

Article about Professor Frost's downloads in QUT Campus Newspaper .....

... picked up by journalists from National Newspaper



THE AUSTRALIAN BUSINESS AUSTRALIAN IT MEDIA HIGHER EDUCATION

The report has been seized upon by open access lobbyists such as Stevan Harnad of the American Scientist Open Access Forum, who used its conclusions to urge Harvard University to adopt a policy requiring academics to put their work in open access repositories.

Queensland University of Technology is believed to be the first institution to have adopted such a policy.

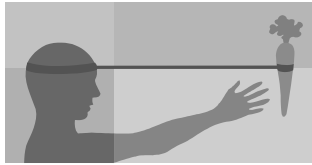
Ray Frost, from QUT's school of physical and chemical sciences, said the ePrints repository gave him a new global readership. His papers were downloaded on average 2080 times a month.

<http://www.theaustralian.news.com.au/story/0,20867,20599488-12332,00.html>



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## Linking IR to Academic Staff Profile Pages

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Brisbane Australia

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Creative Industries Faculty

QUT Home About Us Study Research Community Contact us Staff Directory Site Map Search

Staff Profile  
Introduction  
Biography  
Supervision  
Publications  
Back to List  
Manage Your Profile

**publications**

Prof Stuart Cunningham

To view **PROF** Stuart Cunningham's publications please visit  
[http://eprints.qut.edu.au/view/person/Cunningham\\_Stuart.html](http://eprints.qut.edu.au/view/person/Cunningham_Stuart.html)

**Person: Cunningham, Stuart**

Number of items: 32

Higgs, Peter L., and Cunningham, Stuart D. (2007) Australia's Creative Economy: Mapping Methodologies. Technical Report, Faculty Research Office, CCS.

Higgs, Peter L., and Cunningham, Stuart D., and Pagan, Janet D. (2007) Australia's creative economy: Basic evidence on size, growth, income and employment. Technical Report, Faculty Research Office, CCS.

Higgs, Peter L., and Cunningham, Stuart D., and Pagan, Janet D. (2007) Australia's creative economy: Definitions of the segments and sectors. Technical Report, Faculty Research Office, CCS.

Seath, Selva and Cunningham, Stuart D., and Jones, Richard G., and Zelenko, Oksana (2006) "I see online so the counsellor can't hear the crying": Creating design solutions for online counselling. Media International Australia (Incorporating Culture and Policy) (131): pp. 43-52.

Cunningham, Stuart D. (2006) Policy. In Cunningham, Stuart D., and Tansar, Sine. 836. The media and communications in Australia, chapter 3, pages 89, 43-52. Allen & Unwin.

## Advocacy & Support for Open Access Publishing at QUT

- QUT is an institutional supporter of DOAJ
- Trial: Library to pay author-side fees for OA Publishing. (PLoS and BMC)

**PLoS** PUBLIC LIBRARY OF SCIENCE

Home About PLoS Open Access PLoS Journals Support PLoS News & Events Posters & Media Search

Open Access

Open Access is a free online service that allows authors to publish their research papers in a peer-reviewed journal. The service is available to authors of research papers in the fields of biology, chemistry, computer science, earth and planetary science, engineering, health sciences, life sciences, mathematics, medicine, physics, social and behavioral sciences, and the arts and humanities.

Open Access journals are available in a variety of formats, including PDF, HTML, and XML. The service is available to authors of research papers in the fields of biology, chemistry, computer science, earth and planetary science, engineering, health sciences, life sciences, mathematics, medicine, physics, social and behavioral sciences, and the arts and humanities.

Open Access journals are available in a variety of formats, including PDF, HTML, and XML. The service is available to authors of research papers in the fields of biology, chemistry, computer science, earth and planetary science, engineering, health sciences, life sciences, mathematics, medicine, physics, social and behavioral sciences, and the arts and humanities.

Open Access journals are available in a variety of formats, including PDF, HTML, and XML. The service is available to authors of research papers in the fields of biology, chemistry, computer science, earth and planetary science, engineering, health sciences, life sciences, mathematics, medicine, physics, social and behavioral sciences, and the arts and humanities.



## Advocacy & Support for Effective Copyright Management at QUT

- Researchers are encouraged to:
  - respect the copyright of others
  - manage their own copyright mindfully
  - read all publication agreements carefully
  - seek advice from QUT Copyright Officer
  - consider using an author addendum if terms of the agreement are unclear or unfavourable



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## Drivers & Constraints

- Accessibility Framework was to address;
  - common standards and protocols
  - technological infrastructure
  - regulatory environment that both enables and encourages the population of repositories and information sharing
  - skills development and culture change
- APSR **ARROW** DART  
ARCHER <sup>RUBRIC</sup> ORCA  
**ICE** ORCA **Institutional**  
**BEST** mandates <sup>AONS</sup>  
**Fez** <sup>MAMS</sup> **OAK** Law  
**ICE** **FABULOUS**  
**PREMIS** <sup>SUGAR</sup> **FIDAS**  
**MACAR** **FABULOUS**  
**AERES** **ADT**



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## Conclusions

- Standards, protocols, technical infrastructure, tools and rules are necessary – but not enough to deliver open access to publicly funded research.
- We need to ask if the current academic reward system a driver or a constraint to OA
- We also need a reward system that provides incentives for new forms of scholarly communication and data-sharing



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## **Open access and institutional repositories in India**

**Subbiah Arunachalam**

**M S Swaminathan Research Foundation**

The open access movement is picking up in India. Currently about a hundred journals are OA and about thirty institutions have set up interoperable OA repositories. All the journals of both the Indian National Science Academy and the Indian Academy of Sciences are OA. MedKnow, a private publisher based at Mumbai, brings out more than 50 OA journals (on behalf of mostly professional societies), and the National Informatics Centre brings out 38 titles. Indian Institute of Science was the first to set up an institutional repository and National Institute of Technology, Rourkela, is the only Indian institution to have an OA mandate in place. The National Knowledge Commission has recommended mandating open access to all publicly funded research, but unlike in the UK, research councils in India have not mandated OA. There is also a quality initiative on the open course ware front, called NPTEL. There are two discussion lists in India and a number of people are talking about OA, but not many are implementing. But things might change in 2008.

### **インドにおけるオープンアクセスと機関リポジトリ**

**スバイア・アルナチャラム**

**M S スワミナサン研究財団**

インドにおいてオープンアクセスの勢いが増している。現在、約 100 のジャーナルがオープンアクセスであり、約 30 の機関で相互運用可能なオープンアクセスリポジトリを設置している。インド国立科学アカデミーとインド科学アカデミーの全誌がオープンアクセスである。ムンバイにある民間出版社である MedKnow は 50 以上のオープンアクセス誌を発行(大半は学会の代行)し、国立情報センターは 38 タイトルを発行している。初めて機関リポジトリを設置したのはインド科学大学であり、ルーケラーの国立工科大学が唯一オープンアクセスを義務化している。国立知識委員会は公的な資金援助を受けた研究の全てにおいてオープンアクセスの義務化を勧告したが、イギリスとは異なり、インドの研究評議会ではオープンアクセスを義務化していない。また、オープンコースウェアの領域では、NPTEL と呼ばれる品質イニシアチブがある。インドには議論をする 2 つのメーリングリストがあり、たくさんの人がオープンアクセスに関して議論しているが、多くは実現していない。しかし 2008 年には変わるかもしれない。

(訳・DRFIC2008 実行委員会)