

What's up with openUP?



UP and the Open Content movement

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University of Pretoria

Academic Information Service

September 2005



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What's up with openUP?

- What is openUP?
- Why is this necessary?
- Why waste resources on what we already have?
- The value proposition
- It forms part of our expression of open access/content
- Short term goals and strategy
- Long term vision and strategy
- Policy in the making
- YOUR ROLE

What's up with openUP?





The upside down tree

Adansonia digitata

The recent move to provide scientific and scholarly materials free through open access is one of the most exciting and radical events in publishing recent years. Electronic publishing changed the way most scholars access literature in their field. Now open access is changing the way electronic materials is distributed. (McVeigh 2004)

What is openUP?

- **openUP** is the collection of **e-prints** of **peer reviewed** and published **research articles** by staff, students and other affiliates of the University of Pretoria.
- Brought together on the UPSPACE platform to make our research visible and accessible to the entire international research community,
- in accordance with the philosophy and practice of *open access* and the copyright policies of the publishers.

What's up with openUP?



Why is this necessary?

Limited Access: Limited Research Impact

Impact cycle begins:
Research is done



Researchers write pre-refereeing "Pre-Print"



Slide from a presentation by Stevan Harnad, 2005

Submitted to Journal



..and the author signs away copyright to the publisher



Pre-Print reviewed by Peer Experts – "Peer-Review"

Pre-Print revised by article's Authors

Refereed "Post-Print"
Accepted, Certified, Published by Journal



Researchers can access the Post-Print if their university has a subscription to the Journal



New impact cycles:
New research builds on existing research



The university, who sponsored the research, now has to pay a high price to get access to its own research output and has no control over access and dissemination

12-18 Months

What's up with openUP?



For a live demo, go to <https://www.up.ac.za/dspace/handle/2263/76>

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openUP (August 2006)

Chaos synchronization of the fractional Lü system

W.H. Deng and C.P. Li

School of Mathematics and Statistics, Lanzhou University, Lanzhou 730000, China
Department of Mathematics, Shanghai University, Shanghai 200444, China
Department of Electrical, Electronic and Computer Engineering, University of Pretoria,
Pretoria 0002, South Africa

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1 of 14

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Chaos synchronization of the fractional Lü system

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Chaos synchronization of the fractional Lü system

W.H. Deng^{a,b}, C.P. Li^{b,c,*}

^aSchool of Mathematics and Statistics, Lanzhou University, Lanzhou 730000, China
^bDepartment of Mathematics, Shanghai University, Shanghai 200444, China
^cDepartment of Electrical, Electronic and Computer Engineering, University of Pretoria.



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Title: **Chaos synchronization of the fractional Lü system** Authors: Deng, WH; Li, CP

Affiliation: AA(School of Mathematics and Statistics, Lanzhou University, ...

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Here it is on Google

Two questions to get out of the way first

Why waste resources on what we already have?

We do not have online access to everything we publish even though we may subscribe to the database.....

My clients (I) already store their (my) articles on their (my) own websites

- And what if they/you leave the university?
- Are they/you complying with the copyright standards?

What's up with openUP?



To show that we do not have access to all the articles in the databases that we subscribe to



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 Medical and Pediatric Oncology
 Volume 19, Issue 4, Date: 1991, Pages: 269-275
 Barbara Jones, Arnold I. Freeman, Jonathan J. Shuster, Claude Jacquillat, Marise Weil, Carl Pochedly, Lucius Sinks, Louise Chevalier, Harold M. Maurer, Kjell Koch, Geoffrey Falkson, Richard Patterson, Barbara Seligman, Jurg Sartorius, Faith Kung, Farid Haurani, Marie Stuart, E. Omer Burgert, Frederick Ruymann, Arthur Sawitsky, Edwin Forman, Hansjuerg Pluess,

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Lower incidence of meningeal leukemia when prednisone is replaced by dexamethasone in the treatment of acute lymphocytic leukemia

Barbara Jones, Arnold I. Freeman, Jonathan J. Shuster, Claude Jacquillat, Marise Weil, Carl Pochedly, Lucius Sinks, Louise Chevalier, Harold M. Maurer, Kjell Koch, Geoffrey Falkson, Richard Patterson, Barbara Seligman, Jurg Sartorius, Faith Kung, Farid Haurani, Marie Stuart, E.

openUP is part of our commitment to open access / open content

- *Open access/open content* is the name given to an **international movement** aimed at opening access to the international research output towards the advancement of science and providing equal opportunities to researchers worldwide.
- It builds on the **philosophy** that the majority of research is done with public money and hence the public should have access to the results at no further cost. (Swan 2005)

What's up with openUP?



openUP is part of our commitment to open access / open content(2)

- It implies a new **business model** where the creators of knowledge retain copyright and take responsibility for the dissemination of their products and where the cost for access is borne at the beginning of the process.

•TWO ROUTES

Gold: Publish in an open access journal

Green: Submit your articles to a repository

What's up with openUP?



The Value of Open Access

AUTHORS: Visibility → usage (+25-300%), citation, impact → research progress, showcasing their achievements

RESEARCHERS: Text mining, fast tracking new research cycles

INSTITUTIONS: Consistent and controlled exposure → visibility, promotion, complete record of scholarship, interconnection of different objects, archiving, preservation, copyright savings, partnership with national and global initiatives

READERS: Access to all articles = selectivity advantage → able to use and cite the best and most relevant work

COUNTRIES : Better return on investment (Houghton 2006)

What's up with openUP?



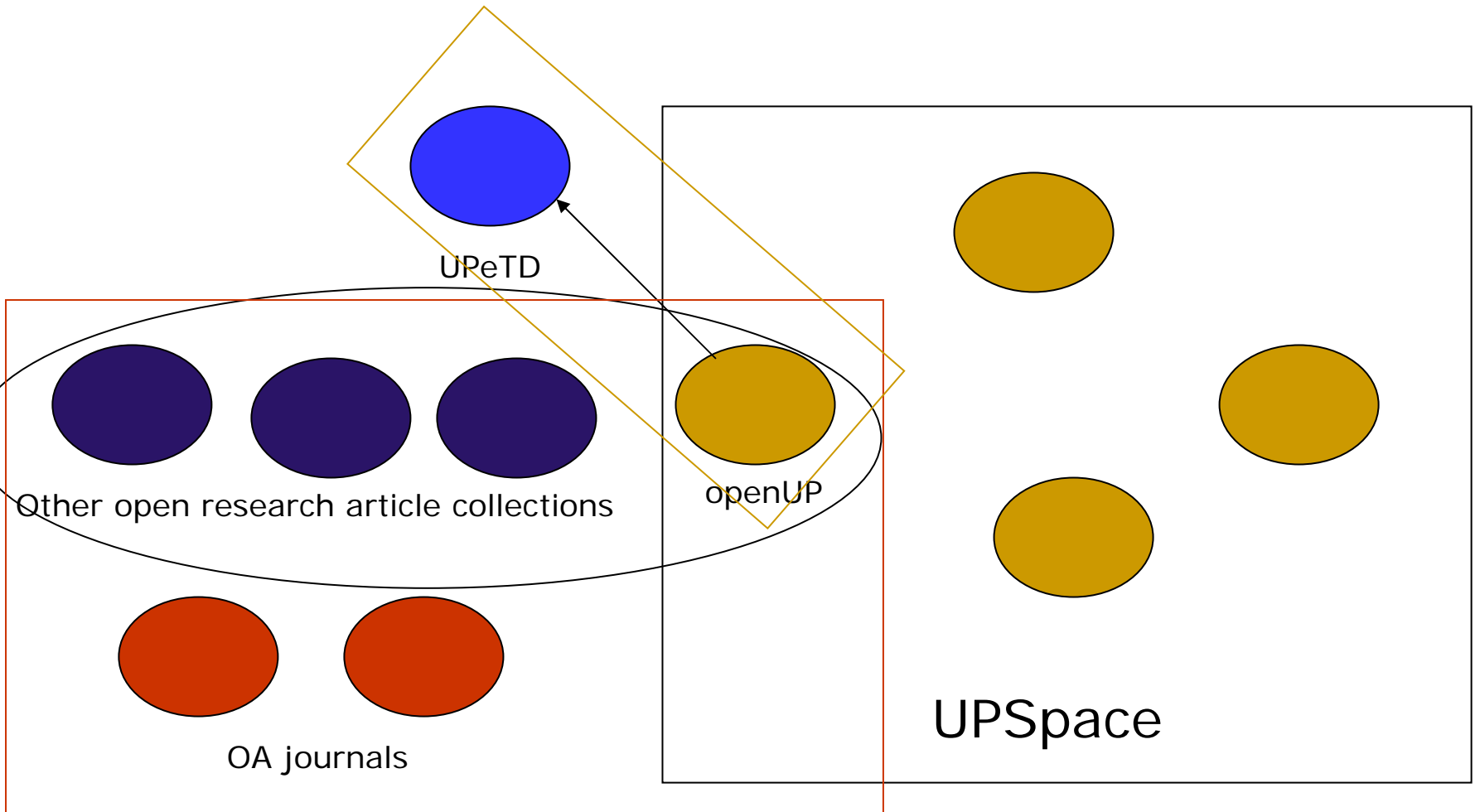
The Value of a repository (2)

An institutional repository focuses on developing, enhancing, and protecting the *value* in the creative output of the members of the sponsoring institution. It is expensive but “ignoring institutional repositories may turn out to be even more expensive than deploying them” (Blythe & Chachra 2006).

What's up with openUP?



Relationship with other collections



What's up with openUP?



Critical success factors

1. Participation by academic staff
2. Copyright management
3. Personal control = what's in it for them rather than what's in it for the university
4. Quality control = certification of the accuracy
5. Version control
6. Cost



Our short term goals : Year 1

- To create momentum with regard to the population of the database
- To create awareness and appreciation amongst the UP community, in particular the research community
- To develop policies and workflow
- 500/1000 articles op openUP
- Open journals initiative launched
- One overlay journal (Faculty Veterinary Science?)

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Our short term strategy: Year 1

Philosophy: Multi-faceted strategy (ISA) to enable many small and big contributions leading to success

2005: 1298 articles

- Bulk processing articles published by publishers with accommodating policies (Example: Elsevier, Blackwell, Springer, Wiley, T&F, Sage, OUP)
- Fleshing out the Research Report (Example: journal and department InfSc)
- Integrating with UPeTD (University of Pretoria Electronic Theses and Dissertations – show example)
- Spreading the word: researchers, deans, Research Dept, principal, brochure

What's up with openUP?



Our short term strategy: Year I (cont)

Philosophy: Multi-faceted strategy (ISA) to enable many small and big contributions leading to success

- Creating profiles for UP's top researchers (A-rated – Wingfield, Van Onselen, Huisman), flagship institutes and other prominent persons (Prof Jansen..)
- Developing policies, procedures and workflow to deal with publishers with restrictive policies
- OA journals initiative

What's up with openUP?



Researcher Page: Frank Shuffelton

Research

[Thomas Jefferson in the 1990s](#)

About Frank Shuffelton

Professor
English
American Literature

Morey 404D
Phone: 275-9257
Email: frank.shuffelton@rochester.edu

Research Interests

Early American literature, history, and culture. I am especially interested these days in the era of the American Revolution and the Early Republic, with a special focus on Thomas Jefferson.

Teaching Interests

Courses in early American and in nineteenth-century American literature,

Researcher pages are an excellent way to get researchers interested

Compare with the researcher pages in the UP Research report with no access to the full text of the articles (next slide)



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Faculty of Veterinary Science Department of Production Animal Studies

Gummow, B

BVSc(Hons) MMed Vet(Farm)(Pret), Dipl ECVPH - Associate Professor

[Contact Details](#)[Research Output](#)

Contact Details:

Telephone number: 012 529 8257
Fax number: 012 529 8315
E-mail address: bruce.gummow@up.ac.za

Research Output:

Research articles in refereed specialist journals:

Kidanemariam A, [Gouws JJ](#), [van Vuuren M](#), Gummow B: 2005. Ulcerative balanitis and vulvitis of Dorper sheep in South Africa: a study on its aetiology and clinical features. **Journal of the South African Veterinary Association-Tydskrif van die Suid-Afrikaanse Veterinere Vereniging**, 76 (4), pp 197-203.

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- ONLY peer reviewed research articles are accepted in this collection, once the final corrected proof has been accepted. Preprints are not accepted at this stage.
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Restrictions:

- This does not include Cell Press

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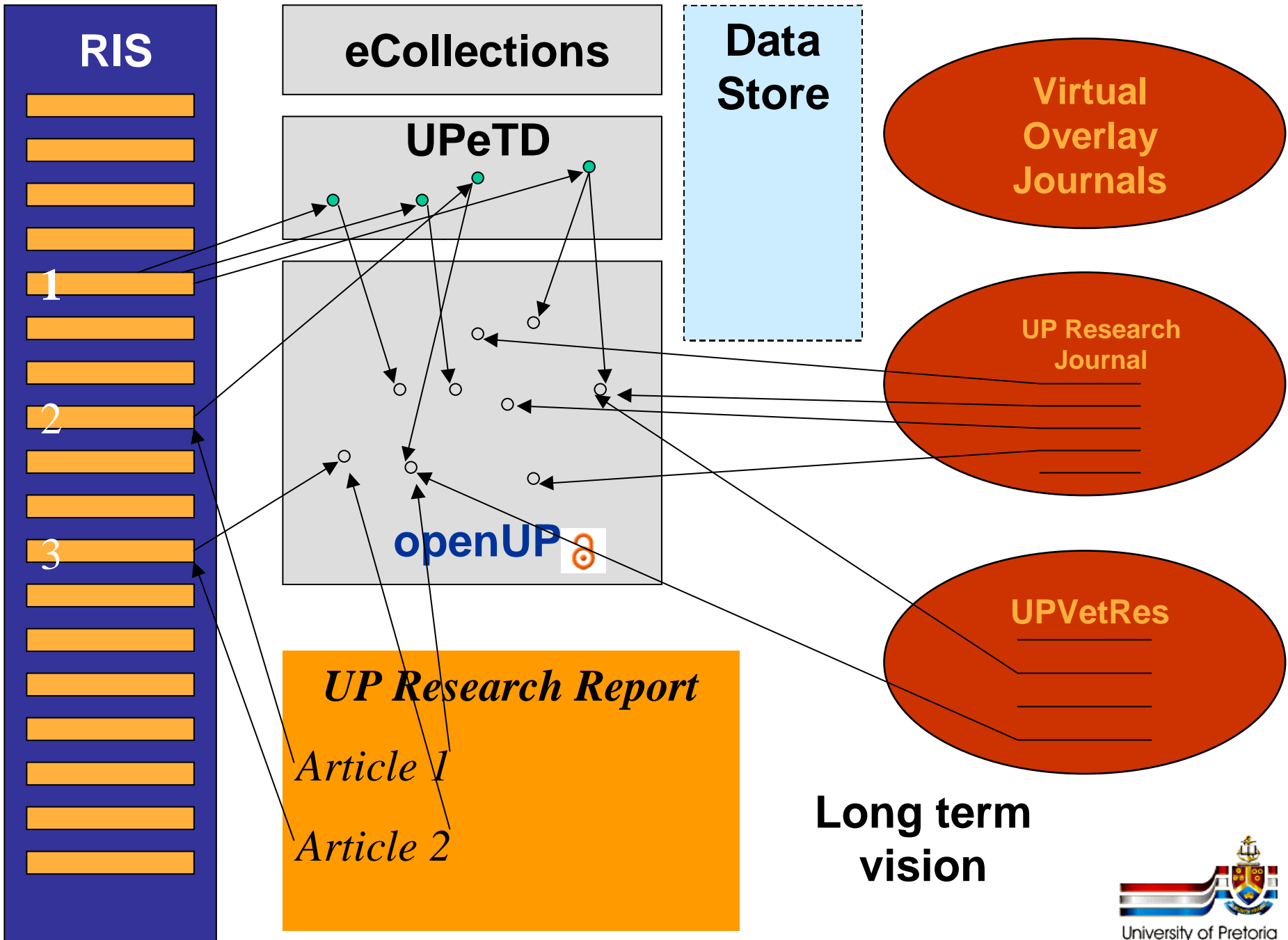
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C

The sad story of the UP Research Report: without live links to the full text these references are only information while they could have been research tools.
WE WANT TO CHANGE THIS

longer term strategy: Years 2 and 3

- Convincing UP authors to self-archive
- Harvesting in appropriate products (OAIster)
- Register with Scopus, Scirus and Web Citation Index
- Other scholarly items such as preprints, conference papers etc
- Lobbying for a policy of mandated contribution
- Lobbying for better copyright practice
- Creating an integrated view of UP research output: research system -->
- Virtual overlay publications

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Lund Virtual Medical Journal

Faculty of Medicine, Lund University, Sweden

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Lund Virtual Medical Journal highlights recent papers of [importance and general interest](#) from the Faculty of Medicine at Lund University on a monthly basis. It also offers a fully searchable compilation of references to articles published by members of the Faculty in basic and clinical research as well as the health sciences. The aim is to make the articles freely available - Open Access - using [the copyright policies for self-archiving](#). Read more about selection criteria [here](#).
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Article of the month, August 2006

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What's up with openUP?



THANK YOU!

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openup@up.ac.za

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