



Improving Access to European E-Theses: the DART-Europe Programme

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The University of
Nottingham
Information Services

Outline

- Background
- The partnership
- Key relationships
- The DART-Europe Portal
- Other DART-Europe activities
- Partnership Agreement
- Conclusion



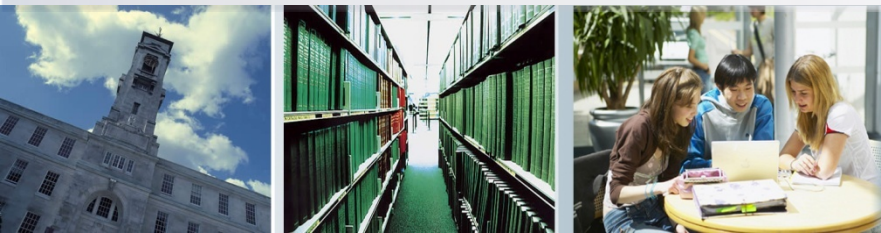
DART-Europe: first phase

- Began in 2005 as an 18-month project
- Founding academic partners from UK (UCL, Dartington, Oxford University) and Ireland (Trinity College Dublin)
- In association with ProQuest (technology partner)
- Working where possible with national libraries and consortia
- Resourced only through partner contributions



DART-Europe: first phase

- Creation of an open access Portal for e-theses
- Creation of a hosted repository service
- Collation/creation of general advice and guidance on e-theses, including IPR, formats...
- Demonstrator digital preservation service for e-theses
- Identification of a business model for sustainability, founded on value-added services
 - e.g. sale of bound copies, copyright checking, metadata enrichment



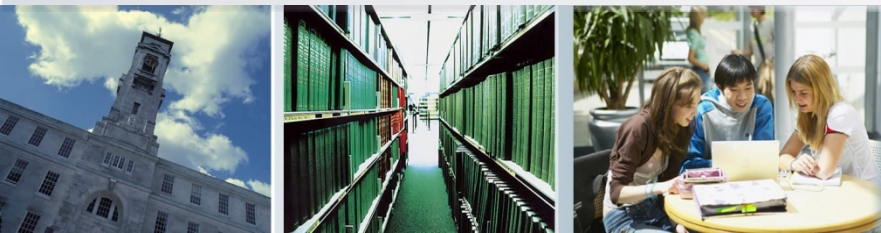
DART-Europe: first phase - successes and...

- Created a demonstrator Portal for e-theses
- Successfully tested a hosted repository service - still available through ProQuest
- Limited work on advice and guidance - this was taken on very effectively by other bodies, such as GUIDE
- No digital preservation testing
- Business model not identified in this period



DART-Europe: second phase, 2007-

- A fully community-led partnership
- Led by UCL and Nottingham; governed by a Board of Partners
- Resourced entirely through partner contributions
- No longer a 'project'; DART-Europe is ongoing
- Supporting the management, discovery, usability and preservation of e-theses



Current partners

- BICfB (Bibliothèque Interuniversitaire de la Communauté française de Belgique), **Belgium**
- CBUC (Consorti de Biblioteques Universitàries de Catalunya), **Spain**
- University of Debrecen University and National Library, **Hungary**
- Deutsche Nationalbibliothek, **Germany**
- DiVA (Digitala Vetenskapliga Arkive), **Sweden** and **Norway**
- Dublin City University, **Ireland**
- University of Minho, **Portugal**
- Helsinki University of Technology, **Finland**
- Ecoles Polytechniques fédérales de Lausanne, **Switzerland**
- Lund University, **Sweden**
- University of Nottingham, **UK**
- Oxford University, **UK**
- Tartu University, **Estonia**
- University of Miskolc, **Hungary**
- Robert Gordon University, **UK**
- Trinity College Dublin, **Ireland**
- UCL, **UK**
- Universidad Politécnica de Valencia, **Spain**



Prospective partners

- ABES (France)
- Austrian University Libraries
- Ethos (UK)
- NORA (Norwegian Open Research Archive)
- PINDAR (Denmark)
- PLEIADI (Italy)
- Swiss University Libraries



Key relationships

- LIBER
 - DART-Europe is endorsed by LIBER as part of the work of the LIBER Access Division
- ND LTD (Networked Digital Library of Theses and Dissertations)
 - DART-Europe is the ND LTD's Working Group for Europe
- Koninklijke Bibliotheek (KB), Netherlands
 - DART and KB are discussing joint work on digital preservation of e-theses
- DRIVER
 - A DART-DRIVER partnership. Exploratory technical work is under way.
 - DART is also contributing to DRIVER guidelines.



The DART-Europe E-theses Portal

- Access to 100,000+ full-text e-theses.
- Thesis records from:
 - 34 data sources (a mixture of national, consortial and institutional)
 - 13 countries
 - 150 institutions
- Daily updates
- Data collection using simple OAI Dublin Core
 - MODS, MARC also supported
- Off-the-shelf harvesting technology (PKP)
- Bespoke user interface



A pragmatic outlook

- Interoperability can be very complex
- DART-Europe aims to keep things simple
 - Minimise technical barriers for potential contributors
 - Focus on supporting discovery by users
- Realistic metadata guidelines:
 - Essential: author, title, date, identifier (hyperlink)
 - Desirable: abstract, institution, language, contributor (supervisor)
- Portal does not attempt to capture and consolidate every piece of information about every thesis
 - maintains links to source repositories for full metadata, award details, rights info, supplementary data...



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Aspectes clàssics i quàntics de forats negres en diverses dimensions	Figueras Barnera, Pau	2007	Universitat de Barcelona	TDX
In Situ Observations of the Atmospheres of Terrestrial Planetary Bodies	Harri, Ari-Matti	2005	Helsinki University of Technology	TKK
Spectroscopic study of titanium monohydride and storage ring experiments	Danielsson, Mathias	2008	Stockholm University, Sweden	DIVA

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Title	Spectroscopic study of titanium monohydride and storage ring experiments
Author(s)	Danielsson, Mathias
Date	2008-03-27
Language	en
Identifier	http://urn.kb.se/resolve?urn=urn:nbn:se:su:diva-7451
Identifier	urn:nbn:se:su:diva-7451
Publisher	Stockholm University, Sweden
Type	text.thesis.doctoral
Format	text/html
Format	application/pdf
Format	application/xml
Rights	Copyright Mathias Danielsson 2008
Subject	TiH
Subject	TiD
Subject	transition metal hydride
Subject	dissociative recombination
Description	This thesis describes two projects, spectroscopy of the astrophysically relevant molecule TiH and its isotopologue TiD, and the dissociative recombination (DR) reaction of astrophysically and atmospherically relevant molecules. Emphasis in the thesis is on the first project. A series of laser-coupled spectroscopic studies of TiH/TiD has been carried out. A search for forbidden transitions in the (green) D-V



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Files:	Description	File size	Format
	Fulltext	4335Kb	PDF (requires Acrobat Reader)

Posting: PDF (requires Acrobat Reader)

Author: Danielsson, Mathias

Title: Spectroscopic study of titanium monohydride and storage ring experiments

Department: Stockholm University, Faculty of Science, Physics Department

URI: urn:nbn:se:su:diva-7451

Publication type: Doctoral thesis

Language: English [en] with a summary in English [en]

Keywords: TiH, TiD, transition metal hydride, dissociative recombination

Defence: 2008-04-18, sal FA32, AlbaNova universitetscentrum, Roslagstullsbacken 21, Stockholm, 14:00, Swedish

Opponent: Launila, Olli, Dr, KTH Tillämpad fysik, Sweden

Abstract [en]: This thesis describes two projects, spectroscopy of the astrophysically relevant molecule TiH and its isotopologue TiD, and the dissociative recombination (DR) reaction of astrophysically and atmospherically relevant molecules. Emphasis in the thesis is on the first project.

Spectroscopic study of titanium monohydride and storage ring experiments

Mathias Danielsson

Academic dissertation for the Degree of Doctor of Philosophy in Chemical Physics at Stockholm University to be publicly defended on Friday 18 April 2008 at 14:00 in sal FA32, AlbaNova universitetscentrum, Roslagstullsbacken 21.

Abstract

This thesis describes two projects, spectroscopy of the astrophysically relevant molecule TiH and its isotopeologue TiD, and the dissociative recombination (DR) reaction of astrophysically and



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Medizinische und ökonomische Aspekte der präoperativen Eigenblutspende in der Herzchirurgie [Elektronische Ressource] / Sophie Heyde	Heyde, Sophie	2002	Technische Universität München	DissOnline

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coloured anomalous transport phase transitions complex systems

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Search: the web pages from the UK

Web Results 1 - 10 of about 25,300 for coloured anomalous transport phase transitions complex systems. (0.18 seconds)

DSPACE at Tartu University Library: Colored-noise-controlled ... 19 Jun 2007 ... Title: Colored-noise-controlled anomalous transport and phase transitions in complex systems. Other Titles: Värvilise müra tekitatud ... dspace.utlib.ee/dspace/handle/10062/2913 - 12k - Cached - Similar pages - Note this

The DART-Europe E-theses Portal (DEEP) Title, Colored-noise-controlled anomalous transport and phase transitions in complex systems Värvilise müra tekitatud anomaalne transport ja faasiüleminekud ... www.dart-europe.eu/index.php/record/view/110604 - 10k - Cached - Similar pages - Note this

papers Disordering effects of colour in a system of coupled Brownian motors: phase diagram and anomalous-to-normal hysteresis transition, H. S. Wio, S. E. Mangioni ... cabfst28.cnea.gov.ar/~statisticalphysics/papers.htm - 53k - Cached - Similar pages - Note this

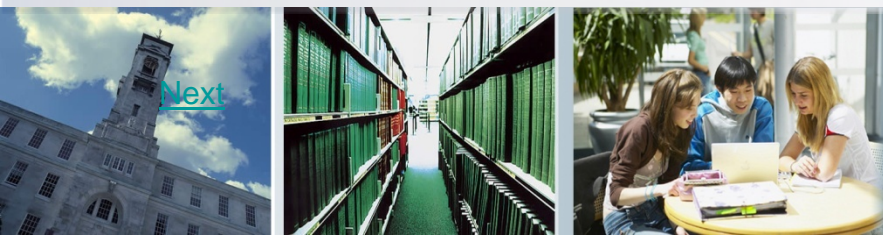
Physica D: Nonlinear Phenomena : Disordering effects of colour in ... Disordering effects of colour in a system of coupled Brownian motors: phase diagram and anomalous to normal hysteresis transition ... linkinghub.elsevier.com/retrieve/pii/S0167278902005080 - Similar pages - Note this

Sonderforschungsbereich 555 - A1 - Control of excitable media by ... Influence of additive noise on noise-induced phase transition in nonlinear chains. ... fractal fourier spectrum, and anomalous transport ... sfb555.physik.hu-berlin.de/content/view/26/28/lang,en/ - 31k - Cached - Similar pages - Note this

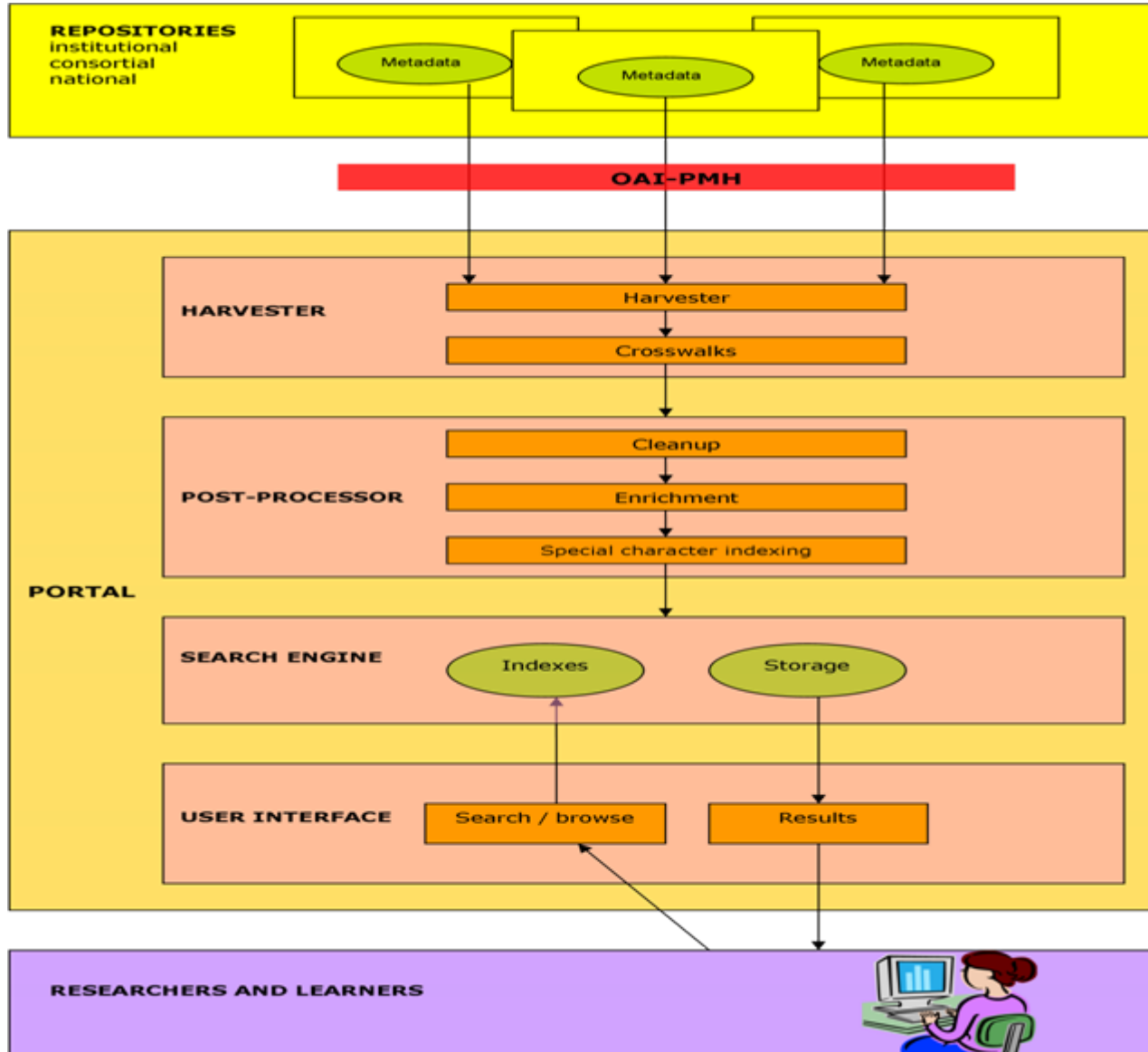
Session ED - Nonlinear Dynamics of Physics and Center for Nonlinear and Complex Systems) [ED.14] Anomalous diffusion in quantum Brownian motion with colored noise ...

Interoperability in practice

- Repositories usually have rich, well-organised local metadata
- However, when exporting records, everybody does things differently
 - Dublin Core can be interpreted and used in different ways
 - Meaning can be lost (example - dates)
 - Fundamental information not always present, or not helpfully formatted
 - Many repository managers don't have the technical expertise/support/time to meet even simple guidelines
- To deliver even a no-frills discovery service like the DART Portal requires additional work on harvested data.



Portal - technical overview



DART-Europe Portal – recent updates and plans



- Switched to new version of interface (July 2008)
- Launched the Portal as a service (Q4 2008)
- Service improvements:
 - User-oriented: RSS, alerts, refine searches, export results.
 - Extend multilingual search/retrieval; interface translations.
 - Usage statistics.
- Determine running costs.
 - What do users really want? Is it feasible?
 - Sustainable cost-recovery plan can then be pursued
 - Exploratory work with DRIVER under way.



DART-Europe: other activities

- DART-Europe has other technical interests...
 - Digital preservation; retrodigitisation of theses; metadata
- ...and non-technical interests. Early in 2008, GUIDE (Guiding Universities In Doctoral E-theses) merged into DART-Europe
 - DART-GUIDE supports advocacy and training
 - Earlier work by GUIDE is available through the DART Web site
 - A survey of e-theses developments across Europe, by country
 - Collation of good practice and toolkits covering advocacy, metadata, legal issues, and lessons learned from major European e-theses projects



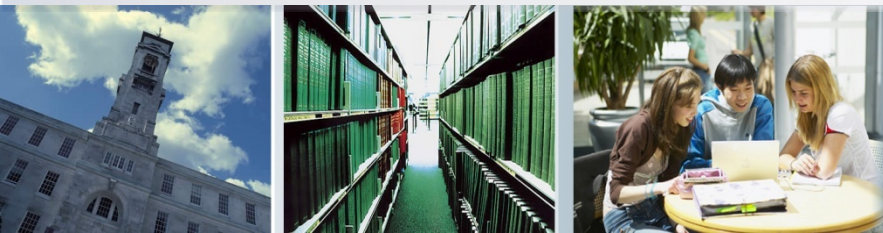
Partnership Agreement

- 'Light-touch'
 - Places very few obligations on partners
 - But helps to build a sense of community
- Partners agree to 7 principles, for example:
 - Partners are invited to contribute metadata, on their own terms, to the Portal
 - Partners are invited to contribute resources to support DART-Europe's work
 - Partners help DART-Europe to be an effective network for etheses information, expertise and resources



Conclusion

- No dedicated funding means that progress has been incremental, but the Partners have remained enthusiastic, and results are now tangible.
- The Portal is potentially a useful scholarly resource, and there is already evidence that it is being used. It is time to start marketing it to the academic community.
- The Partners benefit from DART-Europe as an effective networking organisation - not just for thesis issues.
- Much to look forward to in the coming months
 - Collaboration with the KB; co-working with DRIVER; expansion of Partnership; further Portal developments; renewal of GUIDE's work...



Further information

- DART-Europe Web site:

www.dart-europe.eu/About

- Portal:

www.dart-europe.eu

- Email:

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p.ayris@ucl.ac.uk



■ Thank you

