



デジタルライブラリーを作ることに決めた経緯

2006年6月 図書経営の長期化構想を考え始める

- ◆ 研究情報流通の高度化・近代化についての10年構想
- ◆ 高騰する洋雑誌購入費への対策—NIMSは国立大学と比較して、研究者一人あたりの資料費用はほぼ同じだが、情報量において20倍の格差

2006年7月 「外部動向を踏まえたNIMSデジタルライブラリの将来像」、8月研究職アンケート実施

2006年9月 「10年後を見据えた図書室のあり方について」(図書委員会デジタルライブラリWG報告書)

- ◆ 電子化の推進冊子体購入率を減らしていくべき、雑誌のオンライン購読強化の方が急務
- ◆ リソースの増強デジタルライブラリ構築にはシステム導入・保守にかかる資金・人材の強化が必須
- ◆ 機関レポジトリ構築の推進研究成果のアクセス可能性を、研究機関が連帯して最大にする運動に参画すべき

2007年2月 「第二中期計画ロードマップ—情報発信を専門とする部隊の設置」

2007年4月 科学情報室設置

2007年6月 「NIMSデジタルライブラリに関するNIMS-Max Planck Institute共同開発」役員会決定

- ◆ Max Planck Digital Library (MPDL)の開発プラットフォームにNIMSデジタルライブラリを構築し横断利用によるNIMS視認性、露出度アップを目指す。

2007年7月 デジタルライブラリー専門委員会設置

2007年9月 世界トップレベル拠点としての研究情報資源整備案

2008年3月 企画部門として初めての「資金拠出型共同研究」、MPDLと共同研究協定



National Institute for Materials Science

デジタルライブラリーへのいばらの道

2008年4月 仕様作成開始

2008年9月 MPDLと共同作業体制

2008年11月 デジタルライブラリーシステムの姿を見せる

2008年11月27日 図書館総合展・学術サミットで試行版を発表

2009年3月 デジタルライブラリーシステムPhase1のリリース(共同研究第一年度)

2009年3月6-8日 Asia-Pacific Conference on Library and Information Education and Practice (A-LIEP2009)で成果発表

2009年上半年 とにもかくにも使った(ライブラリ登録した)効果を見るようにする

2009年下半年 NIMS内の業績登録DBなどとの連携によるワンストップサービス化(基盤の統合)

2010年上半年 NIMS内のインフラ(情報の統合)とNIMS外への見える化(情報の出力)を強化

2010年下半年 “研究者が使ってもよいと思う”予定通りのライブラリーができているはず。研究成果は論文に。

2011年 その先にみるものは—

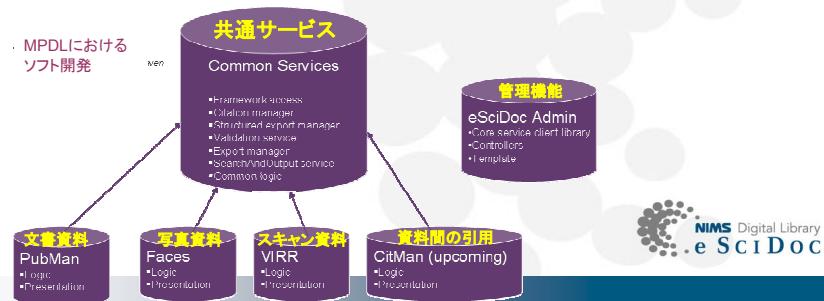


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日本では人気のないFedoraを選んだ理由

Why Fedora?

- 世界で普及する三大オープンソース(無料のソフトウェア)
 - Dspace, ePrintsそしてFedora
- 拡張性や柔軟性という点でFedoraは様々な可能性を秘めている
 - オープンインターフェースである
 - Toolベースで開発、選択的に取り込むことが出来る
 - ◆ 様々な資料タイプに対応可能
 - ◆ 資料内容、資料の構造をタイプ別に定義(XML Schema)可能など



共同研究・開発パートナーとしてマックスプランクを選んだ理由

Why MPDL?

- 組織力 organizational management
- 技術力 一特にヨーロッパ地域の技術者集団 IT level
- 実績 一Fedoraを基幹システムとして多様な可能性を発掘中
- 新しい統合ライブラリーシステムというアプローチ New approach to library system
- 専門性 一5つのマックスプランク研究所と研究上のMOU
 - Max-Planck Institute for Metalforschung (Stuttgart)
 - Max-Planck Institute for Mikrostructurephysik (Halle)
 - Max-Planck-Institute for Colloids and Interfaces
 - Max-Planck-Institut für Eisenforschung ...



大変だが「研究者中心の設計」でなければならないと思う理由⁶

I know it is hard, but the scenarios must be researchers-centered-oriented, why?

- 着想から資金調達まで idea to be funded
 - プロジェクトを認めて貰う政治
 - 認めて貰ったら走るだけ。コンセンサスは得られない。
- 研究者が使う人 'researchers' are the 'users'
 - 効果を面白い(!)と思わないとやってみようと思わない
 - 面白くても面倒なら(-_-)やってみようと思わない
 - やった結果、自分に何が得になるか(^_^)が見えていないと面白くない
- 継続するプロジェクトに繋げるまで to be a sustainable funded-project
 - 費用対効果を「見える化」しないと動脈硬化には効かない
 - 研究者全体のムードを盛り上げる機運の「見える化」。外国人研究者は最適?



大変だがぜひ取り組みたいと思っている6つの特徴(Phase 1)

I know it is hard, but NIMS aims to provide 6 unique functions

- システムサービスを日本語化する Translation of resource bundles
- 登録資料のアクセス権を設定できる Access to contents
- 研究者を同定する Author identifiers
- 研究者のプロファイルとして出力できる User auto profiling functions
- 研究者が登録資料の利用を「見える」ようにする User usage monitoring functions
- ライブラリーは学習機能をもち、資料の検索や分類を高機能化することができる
Semantic approach for library search
 - 辞書更新と想起検索による精度の高い検索機能



これら特徴が応えたい‘研究者の声’
The researcher's voices –this is what we aim to respond.

- 論文バージョン(版)や翻訳原稿を一連管理したい。version / translation management
 - 同一研究テーマについての原稿バージョンを関連づけて保存・閲覧できる
 - 論文の和訳や要旨を元論文に関連づけて保存・閲覧できる
- 利用状況の分析と表示機能 ー利用の足あとをビジュアルにしたい visualize analysis
 - 登録した資料へのアクセス数を分析
 - 分析結果を視覚的に表示… YouTubeライクなことは可能か
- 登録資料のアクセス設定機能 ーあの人を見て欲しい access management
 - 登録した資料を公開する範囲を設定
- 研究者を同定する仕組み ー同姓同名や外部DB書き出しを可能に author id
 - 研究者を同定する番号 vs 登録資料をヒモづけ
 - 職員番号や科研費申請者番号 vs 汎用性のある複数の番号体系をマッピングする互換機能など。
- 一回の登録操作でNIMS内で必要なことを片付けたい one stop depositing helps rest of work
 - 研究発表許可願いシステムと連動
 - 著作権処理もこの過程で管理(journal embargo management tool)





著者/研究者プロフィールとして書き出すmaximize visibilities

Image 1 NIMS研究者総覧のイメージ

THE UNIVERSITY OF TEXAS
MD ANDERSON
CANCER CENTER

I am currently an Associate Professor in the Department of Biostatistics and Applied Mathematics at MD Anderson Cancer Center. I received my PhD from the Department of Statistics at Texas A&M University in August, 2000, under the direction of Raymond J. Carroll and Jianxin Wang. I became interested in Statistics through my undergraduate mentor, Martin Day, while getting my B.A. in Mathematics Education at Messiah College in Grantham, PA.

My primary research interests include statistical methods for analyzing functional and image data, and also methods for analyzing various types of data encountered in bioinformatics, including mass spectrometry and 2-d gel proteomic data, microarray, and array CGH data. In my bioinformatics work, I frequently collaborate with colleagues in the Department of Bioinformatics. I also collaborate with numerous researchers at MD Anderson on various research projects involving gastro-intestinal related cancers.

Functional Data Analysis

- PDF** **Nicroproteomics: Analysis of protein diversity in small samples** (with Howard B. Gutszeit, Suresh P. Annangiudi, and Jonathan V. Swedler), *Mass Spectrometry Reviews* (2008)
- Protocols, the large-scale study of protein expression in organisms, offers the potential to evaluate global...
- PDF** **Pinnacle: A Fast, Automatic Method for Detecting and Quantifying Protein Spots in 2-Dimensional Gel Electrophoresis Data** (with Brittan C. Walla and Howard B. Gutszeit), *Bioinformatics* (2008)
- Motivation: One of the key limitations for proteomic studies using 2-dimensional gel electrophoresis (2DE) is...
- PDF** **Statistical Issues in Proteomic Research, Bulletin of the International Society for Bayesian Analysis** (2007)
- PDF** **Bayesian Analysis of Mass Spectrometry Proteomics Data using Wavelet**

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Jeffrey S. Morris
The University of Texas MD Anderson Cancer Center
Associate Professor, Department of Biostatistics

Contact Information
[Curriculum Vitae \(PDF\)](#)

Expertise

- Functional Data Analysis, Genomics, Proteomics, Bayesian Methods, Wavelets

Honors & Awards

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著者/研究者プロフィールとして書き出すmaximize visibilities

Image 2 NIMS研究者総覧のイメージ

Dr. Richard Syd Kornbluth
powered by COS Expertise®

University of California, San Diego
School of Medicine
Medicine
Infectious Diseases
Associate Professor

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Stein Clinical Sciences Bldg.
University of California, San Diego
9500 Gilman Drive - 0679
Rm 300
La Jolla, California 92093-0679
United States

Contact Information
Phone: (619) 534-8595, ext. 2620
rkornbluth@ucsd.edu
<http://vivon.ucsd.edu/kornbluthlab>

Qualifications
Ph.D., Columbia University, Pathology, 1983.
M.D., New York Medical College, Medicine, 1975.
A.B., Harvard College, Philosophy, 1970.

Expertise and Research Interests
My lab studies two areas: (1) Using CD40L, GITRL, and other TNFSF ligands as vaccine and anti-tumor immunostimulants; and (2) HIV integration.

- Soluble, multimeric TNF superfamily (TNFSF) molecules have been produced by fusing the extracellular domains of CD40L and other TNFSF ligands with the body of collectin molecules such as surfactant protein D (e.g., SP-D-CD40L). SP-D-CD40L activates human dendritic cells, neutrophages, and B cells in culture. As plasmid DNA pSP-D-CD40L, dramatically augments the activities of DNA vaccines against HIV and other viruses. The fusion of collectin molecules to other TNFSF ligands (e.g., CD40L or GITRL) or Trigo is also immunostimulatory as part of a DNA vaccine. Plasmids for either soluble, multimeric CD40L or GITRL have antitumor activity when injected directly into established tumors in mice. These studies indicate that fusion with the body of collectin molecules is a general way produce biactive, soluble, multimeric forms of TNFSF ligands for vaccines and tumor immunotherapy.
- To study HIV integration, we have developed the first highly sensitive and quantitative assay for HIV integration based on PCR detection of integration junctions. This permits the detection of preintegration complexes (PICs) in very small samples. Studies are underway using this assay to measure and identify the host cell factors which affect integration in primary cells. With suitable modifications, the assay is ideal for the discovery of new inhibitors of HIV integration.

Other Expertise
Protein Purification
Macrophage Immunology
Tumor Immunology

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著者/研究者プロフィールとして書き出す maximize visibilities

Image 3 NIMS研究者個人を世界研究者データベースとリンク

The screenshot shows the ResearcherID website interface. At the top, it displays "ResearcherID.com" and "Researcher Profile Hase, Masashi". Below this, there are search fields for "Search Researcher ID" and "Search by name or URL". A sidebar on the left lists publications under categories like "Title OB", "Title PH", "Title EF", "Title DA", and "Title MA". The main content area shows a "Publication List" with 97 publications and a "Citation Metric" section. A red circle highlights the "Citation Metric" tab. Below it is a bar chart titled "Citation Distribution by year" showing the number of citations per year from 1988 to 2008. The chart shows a peak around 1998-1999. To the right of the chart, text provides summary statistics: Total Articles in Publication List: 97, Articles With Citation Data: 90, Sum of the Times Cited: 3437, Average Citations per Article: 38.19, h-index: 25, and Last Updated: 11/16/2008 2:32:25 Eastern Standard Time.

著者/研究者プロフィールとして書き出す maximize visibilities

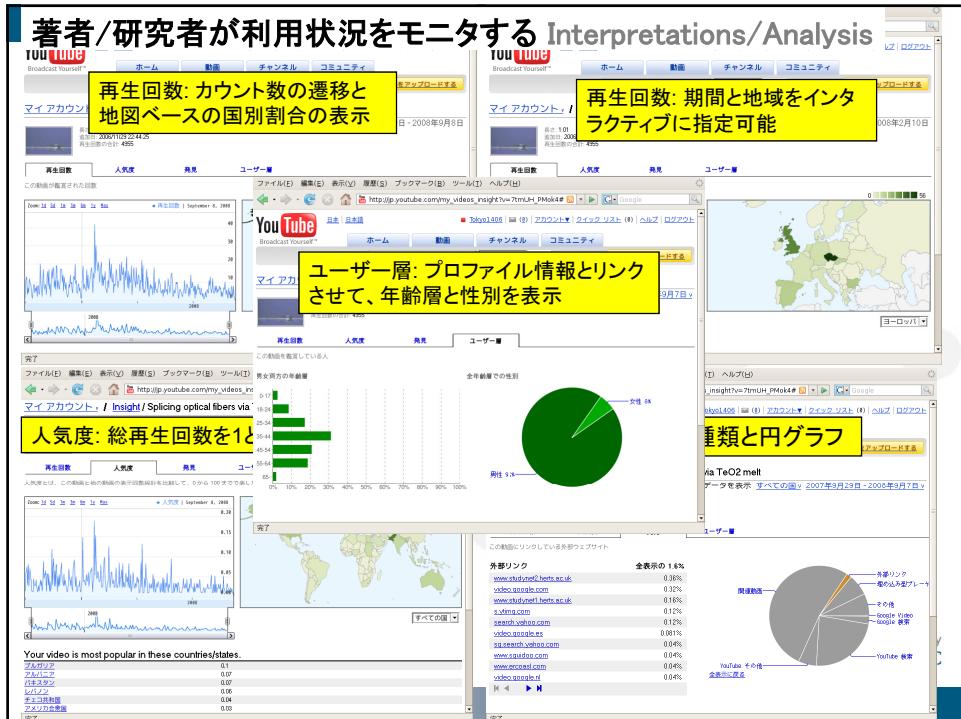
Image 4 NIMS研究者個人を世界研究者データベースとリンク

The screenshot shows the SCOPUS website interface for author Uji, S. At the top, it displays "SCOPUS" and "Register". Below this, there are links for "Search", "Sources", "Analytics", "My Alerts", "My List", and "My Profile". The main content area shows a "Personal" section with details: Name: Uji, S., Author ID: 8729797300, and Affiliation: National Institute for Materials Science Tsukuba Japan. It also shows "Research" metrics: Documents: 84, References: 785, Cited By: 451, and H Index: 7. The "History" section shows publication range from 1990-Present and source history including "New Journal of Physics", "Physical Review B - Condensed Matter and Materials Science", "Journal of Physics: Condensed Matter", and "Hydrogen Energy". The "Affiliation history" section shows National Research Institute of Metals, Tsukuba Japan; Tsukuba Magnet Lab., Tsukuba Japan; Japan Inst of Technology, Hyogo Prefecture Japan; and Nimsx - Japan Inst. of Materials Science, Tsukuba Japan. On the right, there is a "Documents" section listing publications by Uji, S., such as "De Gennes-van Alphen effect in the mixed state of Lu₂Ir₃2C: Anisotropy and field dependence of the transition due to superconductivity" and "Fermi surface properties of CeBa₂(Sr_{1-x}Ca_x)₂O₇ in magnetic field above the metamagnetic transitions". A "View details of all 84 documents by this author" link is provided. The bottom right corner features the NIMS Digital Library e Scidoc logo.

著者/研究者プロフィールとして書き出すmaximize visibilities

Image 7 NIMS研究者個人を世界研究者データベースとリンク

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機関内のデータベースと連動する Synchronizing with internal databases

業績DBとデジタルライブラリーへの登録

The diagram illustrates the process of synchronizing data between two systems:

- Performance Database (left):** A screenshot of a web-based application titled "研究発表許可願いシステム" (Application for the Invention of Research). It shows a list of publications with columns for title, author, journal, volume, issue, page, and year.
- Digital Library (right):** A screenshot of a web-based application titled "Media Profile". It shows a form for editing a publication entry, with fields for title, author, and organization.
- Character:** A cartoon character with a neutral expression is positioned above the two screens.
- Text:** Red text overlaid on the image reads "同じような情報を2回入力は避けたい" (We want to avoid entering the same information twice).
- Arrows:** Two grey arrows point from the Performance Database screen down towards the Digital Library screen, indicating the flow of data.

業績データベース

デジタルライブラリー

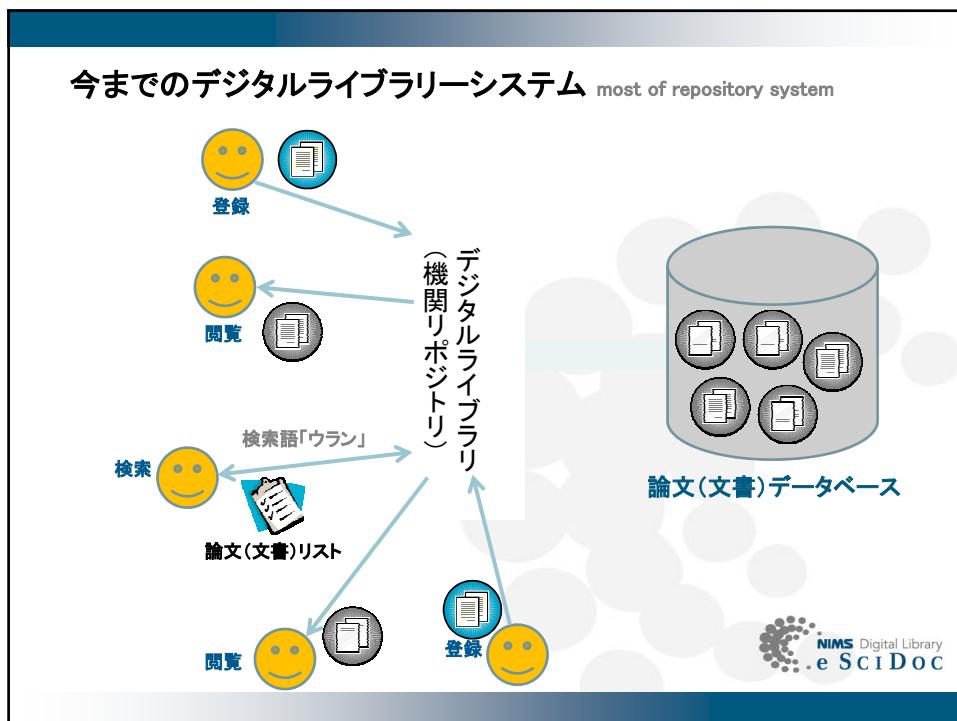
業績DBとDLの連携によるワンストップサービス

The diagram illustrates the integrated service for performance database and digital library:

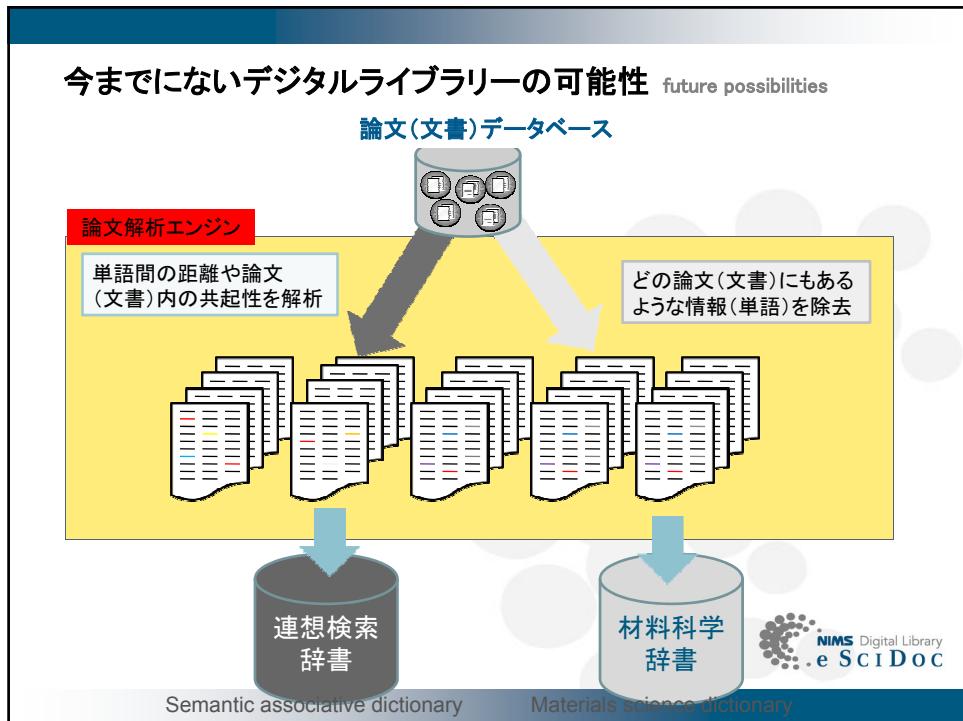
- Employee Information (top left):** A cartoon character is associated with "職員ID" (Employee ID), "論文ファイル" (Research Paper File), and "雑誌名" (Journal Name).
- Performance Database (bottom left):** A screenshot of the "研究発表許可願いシステム" application, identical to the one in the first diagram.
- Digital Library (right):** A screenshot of the "Media Profile" application, identical to the one in the first diagram.
- PDF Input Interface (center):** A screenshot of a Firefox browser window titled "論文データ入力イメージ" (Image of Paper Data Input). It shows a dropdown menu for "論文形式" (Paper Format) with options like "論文PDF" (Research Paper PDF) and "論文EED" (Research Paper EED). A red arrow points from the Employee Information area to this interface.
- Text:** Red text overlaid on the interface reads "PDF形式の論文を入力して下さい。" (Please input the research paper in PDF format.)
- Arrows:** Two green arrows point from the Performance Database screen down towards the Digital Library screen, indicating the flow of data.
- Text:** Red text overlaid on the image reads "入力補完" (Input completion).

業績データベース

デジタルライブラリー



今までにないデジタルライブラリーの可能性 future possibilities



目指すデジタルライブラリーシステム



NIMS eSciDoc の概要

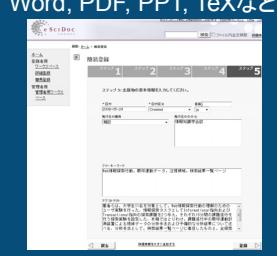
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NIMS eSciDocの主要ツール

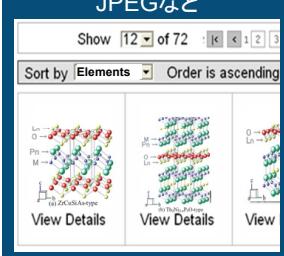


研究者/図書館
ログオン

文書資料PubMan
Word, PDF, PPT, Texなど



写真資料FACES
JPEGなど



貴重資料ViRR
スキャン資料など



NIMS Digital Library
e SciDoc

日本語化が進んでいる機能一ログイン画面

日本語化が進んでいる機能一ログイン画面

ログアウト Test Depositor Library PubManについて FAQ ヘルプ

検索 ファイル内全文検索 詳細検索 所属組織から閲覧

ホーム

PUBLICATION MANAGER 3.8.3-SNAPSHOT BUILD DATE 2008-11-19 12:36:13 -

ホーム

ABOUT PUBMAN

PubMan - the eSciDoc Solution for Publication Management

- PubMan supports scientists and institutes in the management and the digital curation of their publications. This solution addresses all disciplines and focuses on the target groups scientists, local librarians and local IT. Due to the heterogeneous policies, cultures and workflows

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日本語化が進んでいる機能一原稿資料を登録する

EASY SUBMISSION

Step 1 Step 2 Step 3 Step 4 Step 5

Step 5: Please fill in basic pub

* Date: 2008-05-15 * Type of: Published

Source Genre: Proceedings

free keywords: semantic associate search, navigation, materials science, database, network, communication

Abstract: The National Institute for the only national institute: Japan's leading center for materials science "e-materials.net" which will activities. The main function is semantic-associate search.

アブストラクト

著者らは、大學生1名を対象として、Web情報検索行動の理解のためのユーザ実験を行った。情報検索タスクとしてInformational指向およびTransactional指向の検索課題を2つ与え、それぞれ15分間の議論進行を行う検索実験を設定した。本稿ではとりわけ、議論進行中の眼球運動計測装置による視線データの分析手法および予備的な分析結果について定めた。分析手法として、検索結果一覧ページに着目した場合、全検索

戻る | 詳細情報を今すぐ追加する | 登録 | Back | add more details now | Save |

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日本語化が進んでいる機能一原稿資料の公開を促す

Title: A Web-Portal as a Materials Science Research Network (Talk)

System Messages and Warnings:
The item has been saved.

Item Details

Alternative Title	no entry
Creators	Author: Tanifuji, Mikiko [1]
Affiliations	1: Scientific Information Office, Planning Division, National Institute For Materials Science
Dates	Published in Print: 2006-05-16
free keywords	web portal, semantic associate search, contents mining, navigation, materials science research, research data, database, network, community, integration of information
Language(s)	en
Rev. Method	no entry

DETAILS

Abstract
The National Institute for Materials Science, as being the only national laboratory in materials science in Japan has decided to develop a web-portal, "e-materials.net" which will support and foster research activities. The main functionities are:

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組織の部署ごと、マックスプランク研究所と横断して資料を探す

Title: 研究生活のためのインフォマティクス(連載全3回) (Series)

Item Details

Cite this Item as Alternative Title	View Release History View Revisions View Item Statistics Item Log
Creators	Author: 藤 , 並市 [1]
Affiliations	1: Optronic Materials, Nanotech-driven Materials Research for Information Technology, Research
Dates	Published in Print: 2008-12-15
free keywords	Informatics
Language(s)	ja
Rev. Method	No review

DETAILS

Table of Contents
(1) ポケットひとつ的原则! — ファイルは手ぶらで運ぶもの
(2) 実験結果のトレーサビリティー 決定的実験で満たすなれ
(3) セルフアーカイビングのすすめ — カメラも著作権をさせよ

Publishing info

Pages	no entry
Degrees	no entry
Publication Location	no entry
Standard Identifier	no entry

EVENT
no entries

SOURCE

Title	マテリアルインテグレーション
Alternative Title	no entry
Source Genre	Journal

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検索機能一登録資料を横断検索

検索結果

表示件数 10 件 [K] [I] [G] [R]

- 選択 - ソート順 日付 降順に並んでいます

A common multimedia annotation framework for cross linking cultural heritage resources

Creator(s) Brugman, Hennie; Malaisé, Véronique; Hollink, Laura
Date(s) 2008, Published in Print
Genre 会議論文
File(s) 2 Files attached
Locator(s) 2 Locators

Creating multimedia dictionaries of endangered languages using LEXUS

Creator(s) Ringersma, Jacqueline; Kemps-Snijders, Marc
Date(s) 2007, Published in Print
Genre 会議論文
File(s) 2 Files attached
Locator(s) 2 Locators

"Los acervos lingüísticos digitales y sus desafíos"

Creator(s) Trilsbeek, Paul; Wittenburg, Peter
Date(s) 2007, Published in Print
Genre 善書の一部
File(s) 0 Files attached
Locator(s) 0 Locators

A web based general thesaurus browser to support indexing of television programs

Creator(s) Brugman, Hennie; Malaisé, Véronique; Gazendam, Luit
Date(s) 2006, Published in Print
Genre 会議論文
File(s) 0 Files attached
Locator(s) 0 Locators

研究論文、会議論文、書籍の一部など、多種の資料を複数条件で検索

New DoBeS web site: contents & functions

Creator(s) Skiba, R.; Wittenburg, F.; P.Trilsbeek, Peter
Date(s) 2004, Published in Print
Genre 学術論文
File(s) 0 Files attached
Locator(s) 0 Locators

Web Services Architecture for Language Resources.

Creator(s) Dall, A.; Tablan, V.; Bontcheva, K.; Y., Wilks; Broeder, Daan Peter
Date(s) 2004, Published in Print
Genre 会議論文
File(s) 0 Files attached
Locator(s) 0 Locators

Web Services Architecture for Language Resources.

Creator(s) Dall, A.; Tablan, V.; Bontcheva, K.; Y., Wilks; Broeder, Daan Peter
Date(s) 2004, Published in Print
Genre 会議論文
File(s) 0 Files attached
Locator(s) 0 Locators

表示件数 10 件 [K] [I] [G] [R]

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検索機能一登録資料を横断検索

詳細検索

検索語句

検索語:

資料種別

資料種別

<input type="checkbox"/> 学術論文	<input type="checkbox"/> 書籍	<input type="checkbox"/> 書籍の一部	<input type="checkbox"/> 教材	<input type="checkbox"/> 会議論文	<input type="checkbox"/> 会議報告書
<input type="checkbox"/> 指導論文	<input type="checkbox"/> 学術雑誌	<input type="checkbox"/> 実験	<input type="checkbox"/> 成果報告書	<input type="checkbox"/> ポスター	<input type="checkbox"/> 会議論文集
<input type="checkbox"/> 報告書	<input type="checkbox"/> 連載記事	<input type="checkbox"/> 論文	<input type="checkbox"/> 学位論文	<input type="checkbox"/> その他	

クリア 検索

作者情報

氏名

日付情報

終了日 (省略時は今日)

開始日

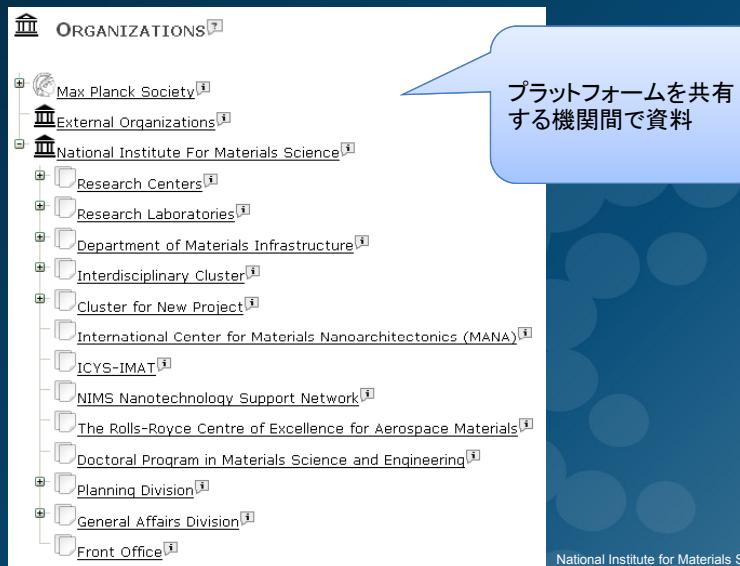
日付種別

<input type="checkbox"/> 出版日	<input type="checkbox"/> オンライン出版日	<input type="checkbox"/> 受理日
<input type="checkbox"/> 稼働日	<input type="checkbox"/> 更新日	<input type="checkbox"/> 制作日

すべて

National Institute for Materials Science

検索機能一組織の部署ごとに、またはマックスプランク研究所と横断して探す



National Institute for Materials Science

NIMS eSciDoc が目指すもの

◆自分の研究過程や成果を、後継者や所属機関のために保存したいと思うなら、それが機能的にできる仕組みを提供できること

◆自分の研究成果を、自分なりの方法で外に向けて発信したいと思うなら、それがパワフルに(=世界仕様で)公開・出版ができる仕組みを提供すること

◆システムは、単に分類保存するデータベースではなく、蓄積する多様な研究資料を活用した資料探し支援ツールとなり、全体としてのデータベースが、組織としての成果や知識のマネジメントシステムとなること

◆システムは単に機関の中だけで閉じた情報に終わらず、それが外部に流通する連携データベースとの連携(プロトコール)を持つ設計思想であること

National Institute for Materials Science

NIMS eSciDoc が目指すもの

◆そして、これら研究者自らの発信の成果「見える化」が、組織内評価の一要素となっていくこと=組織認知

◆これら全体の情報循環(information cycle)が安定した=自走式(sustainable)ライブラリーに進化していくことではないか？

National Institute for Materials Science



A-LIEP2009

Asia-Pacific Conference on
LIBRARY & INFORMATION EDUCATION AND PRACTICE
Preparing Information Professionals for International Collaboration
6-8 March 2009, Tsukuba, Japan

About A-LIEP2009



National Institute for Materials Science

研究・開発に関わっている人たち

ミュンヘンで



つくばで





MAX PLANCK
digital library

Changing the landscape – overview of the MPDL and issues in deploying an OA compatible publication repository

Laurent Romary
Max Planck Digital Library & INRIA



MAX PLANCK
digital library

The Max-Planck Society

Max Planck Society in figures

- **80 Institutes**
 - basic research
 - all subject areas
 - distributed organization
 - **Budget**
 - 1.3 bill. EUR
 - **12,000 employees**
 - 3,500 scientists
 - 8,500 support staff
 - **9,100 annual visiting scholars**





Max Planck Digital Library (MPDL)

A new service unit of the Max Planck Society

- operates since January 1, 2007
- covers the area of scientific information management
 - supports the MPS in its Open Access policy
 - facilitate optimal access for scientists of the MPS to scientific information
 - provide an effective infrastructure for scientific information supply



Supporting the MPS in its Open Access policy

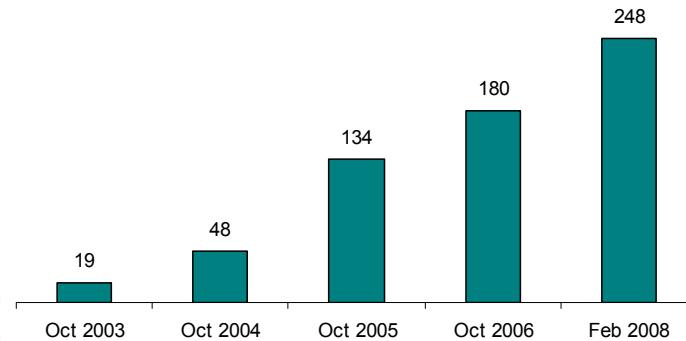


Berlin Declaration (2003) claims

„...free, irrevocable, worldwide, right of access to, and a license to copy, use, distribute, transmit and display the work publicly and to make and distribute derivative works, in any digital medium for any responsible purpose....“



Berlin Declaration Signatories





Golden road: a variety of OA agreements

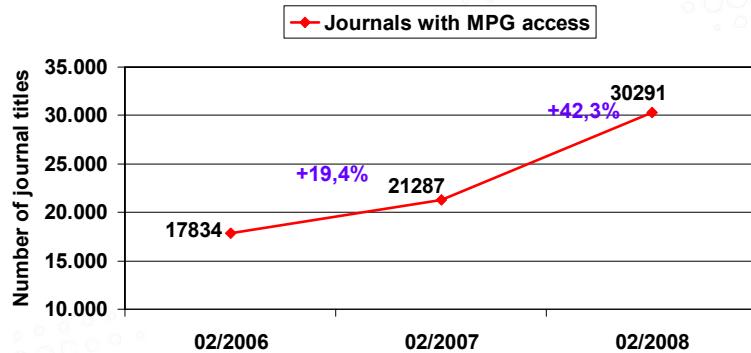
- OA publishers
 - Biomed Central
 - New Journal of Physics
 - Copernicus (Geoscience) - 1 January 2008
 - Public Library of Science (PLoS) - 1 July 2008
- Non OA publishers
 - Springer „Open Choice“: starting with publication date 1 January 2008
 - SCOAP³ (Sponsoring Consortium for Open Access Publishing in Particle Physics)



Facilitating optimal access for scientists of the
MPS to scientific information



Information provision: Journal coverage



Important electronic journal collection – also on international scale

Vast growth rate; accelerated since MPDL foundation

19.02.2008

Page 8



Providing an effective infrastructure for scientific information supply

The eScidoc project



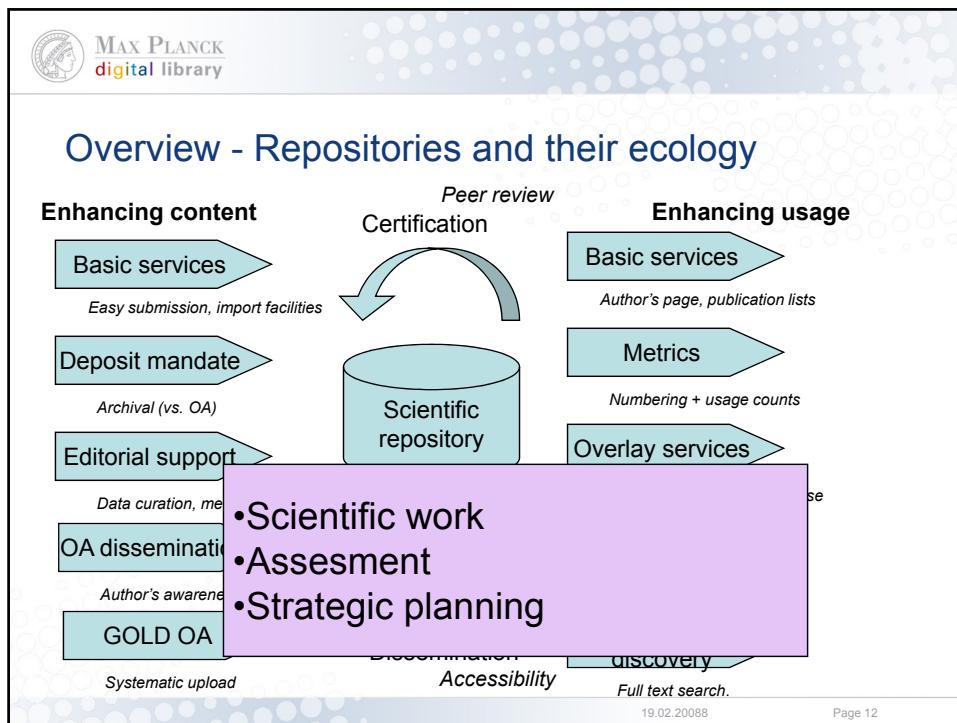
Why a publication archive?

- Digital memory of research results
 - For the scientist, the institute, the society
 - Strong requirements on quality, standards and usage services (e.g. export, web page)
 - Long-term preservation approach
 - Cf. Max-Planck Archives



Why a publication archive?

- Dissemination of knowledge
 - Immediacy
 - Vector for an open access policy
 - Science-driven approach
 - Variety of document types (drafts, slides, illustration)
 - Necessary link with primary sources and/or other bibliographical sources



The diagram is titled 'Situation in the Max Planck Society'.

- Institutional Metrics:**
 - Institutional Repository of MPG
 - Helpdesk, Training, Workshops
 - ~ 110.000 References
 - ~ 15.000 Own Publications p.a.
 - 1/3 including fulltext
 - Growth of 47% in 2007
 - 40% of fulltexts Open Access
 - Unique reference for all bibliographical information (Annual report)
- Fulltexts available on eDoc:**

Year	Fulltexts	Open Access
2003	~1000	~200
2004	~2000	~1000
2005	~3000	~1000
2006	~3500	~1000
2007	~5500	~2000
- eDoc Interface Screenshot:**

The screenshot shows the Max Planck Society eDoc interface. It includes a sidebar with navigation links like 'Search', 'Advanced search', 'Help', 'Support', and 'Direct access'. The main content area displays a 'Fulltext' bar chart and a 'Open Access' section with a detailed description of the service and its goals.

The date 03.12.2008 is at the bottom left of the screenshot.



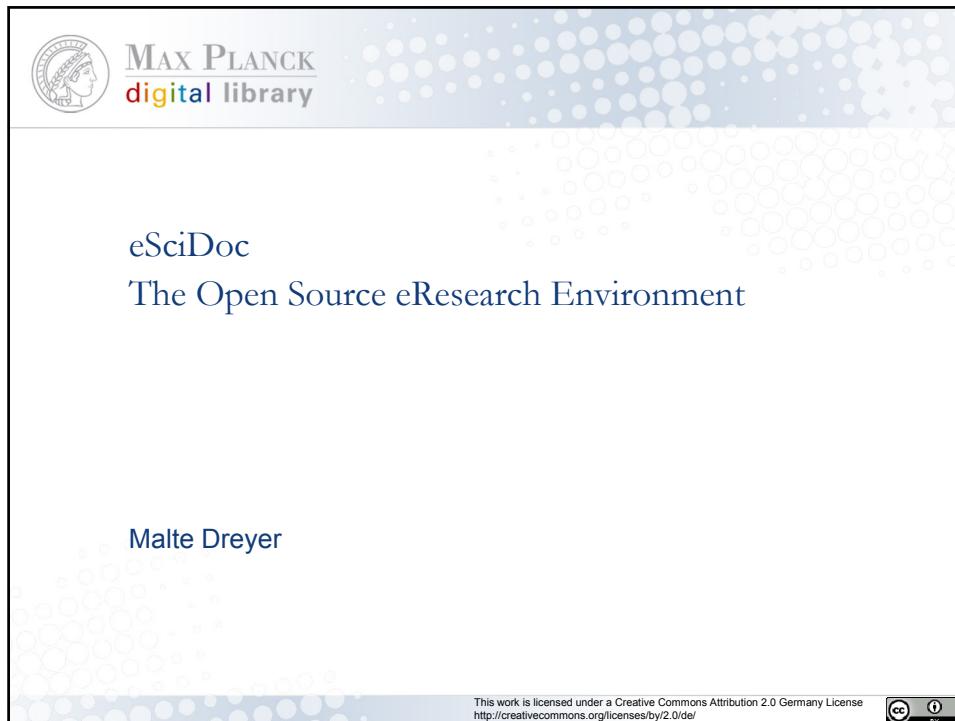
Overview - Issues in designing an OA policy

- Necessity to act at all levels
 - Technical
 - identifying the need for integrated and sustainable platforms for the management of research assets;
 - Editorial
 - defining the measures to be taken to help researchers adhere to the open access principles and make their results usable to a wide scientific community;
 - Political
 - contributing to increase open access awareness and the stronger coordination of institutions worldwide;
 - Scientific
 - going towards the definition of scientific collaborative environments that would implement the role of open access in a wider notion of eScience.



Links

- Max Planck Society – Max Planck Digital Library
 - Berlin Declaration -> <http://oa.mpg.de/>
 - MPDL website -> <http://www.mpdl.mpg.de/>
 - eDoc Server -> <http://edoc.mpg.de>
 - eSciDoc -> <http://www.escidoc-project.de>
 - Living Reviews -> <http://livingreviews.org>
 - MPDL CoLab ->
http://colab.mpdl.mpg.de/mediawiki/Open_Access_Index
- OA-Partners
 - SCOAP³ -> <http://scoap3.org/>
 - Information Platform Open Access -> <http://open-access.net>

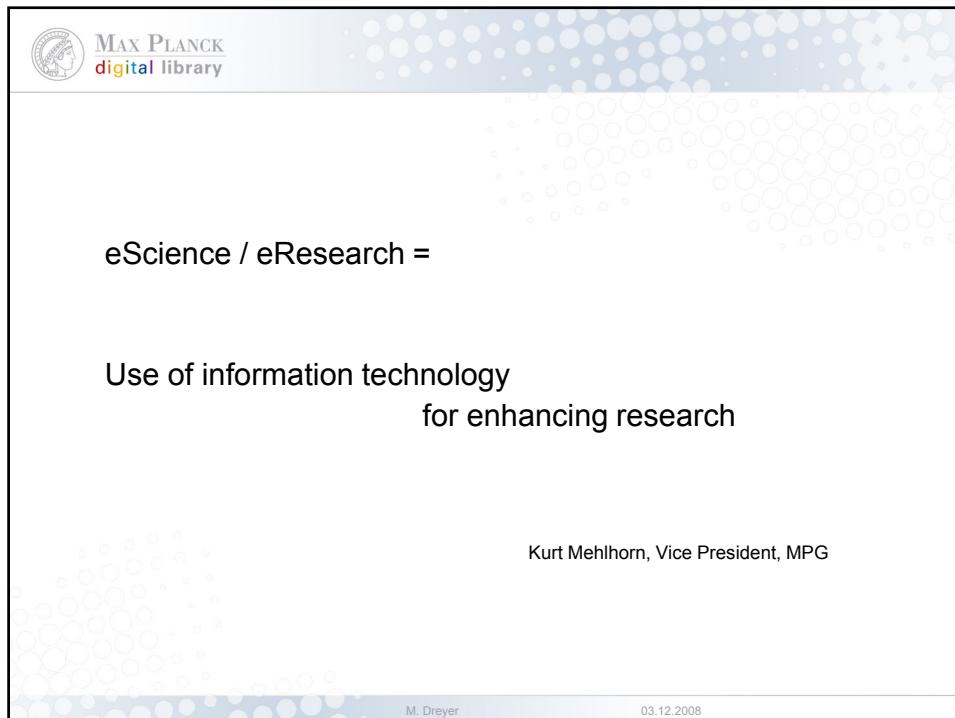


The slide features a light blue header with the Max Planck Digital Library logo on the left. The main title "eSciDoc" and subtitle "The Open Source eResearch Environment" are centered in a dark blue font. Below the title, the author's name "Malte Dreyer" is displayed. A decorative background of white circles is visible behind the text. At the bottom, a Creative Commons Attribution 2.0 Germany License logo is shown with the URL <http://creativecommons.org/licenses/by/2.0/de/>.

eSciDoc
The Open Source eResearch Environment

Malte Dreyer

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<http://creativecommons.org/licenses/by/2.0/de/>



The slide features a light blue header with the Max Planck Digital Library logo on the left. The main title "eScience / eResearch =" is centered in a large black font. Below it, the subtitle "Use of information technology for enhancing research" is also centered. A decorative background of white circles is visible behind the text. At the bottom, the speaker's name "Kurt Mehlhorn, Vice President, MPG" is listed. The footer contains the names "M. Dreyer" and "03.12.2008".

eScience / eResearch =

Use of information technology
for enhancing research

Kurt Mehlhorn, Vice President, MPG

M. Dreyer 03.12.2008

 MAX PLANCK
digital library

 Bundesministerium
für Bildung
und Forschung

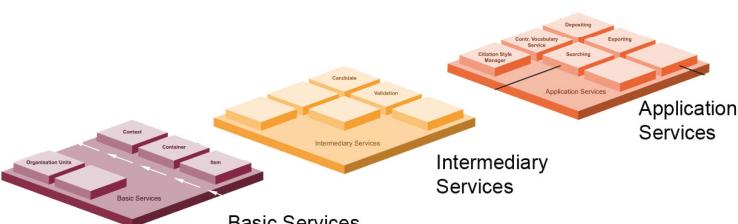
Project Setup and Mission

- eSciDoc is a joint project of the Max Planck Society and FIZ Karlsruhe, funded by the Federal Ministry of Education and Research (BMBF), aimed at building an e-Science platform for multi-disciplinary research organizations.
- eSciDoc
 - integrates research results and materials in an emerging e-research network,
 - provides effective and comprehensive access to data and information
 - supports collaboration and interdisciplinary research in future e-Science scenarios
 - increases the accountability of research
 - improves the visibility of research institutions and organizations

M. Dreyer 03.12.2008

 MAX PLANCK
digital library

Service Oriented Architecture

M. Dreyer 03.12.2008

 MAX PLANCK
digital library

eSciDoc partners

- NIMS, **Japan** (Digital Library)
- Humboldt University Berlin, **Germany** (Media Server)
- FU Berlin, **Germany** (eLearning)
- DANS, **Netherlands** (Archive for Arts and Humanities)
- GBV, Göttingen, **Germany** (Cataloging Service)
- GFZ Potsdam, **Germany** (Publication Management)
- King's College, **UK** (Manage Legacy Collections)
- IRCHSS, **Ireland** (Evaluations for national eScience infrastructure)
- Academy of Athens, **Greece** (Greek national arts and humanities datacenter)
- CNRS, **France** (Data center)
- University of Copenhagen, **Denmark** (Collection management)
- Bavarian State Library, **Germany** (Management of Legacy Collections)

M. Dreyer 03.12.2008

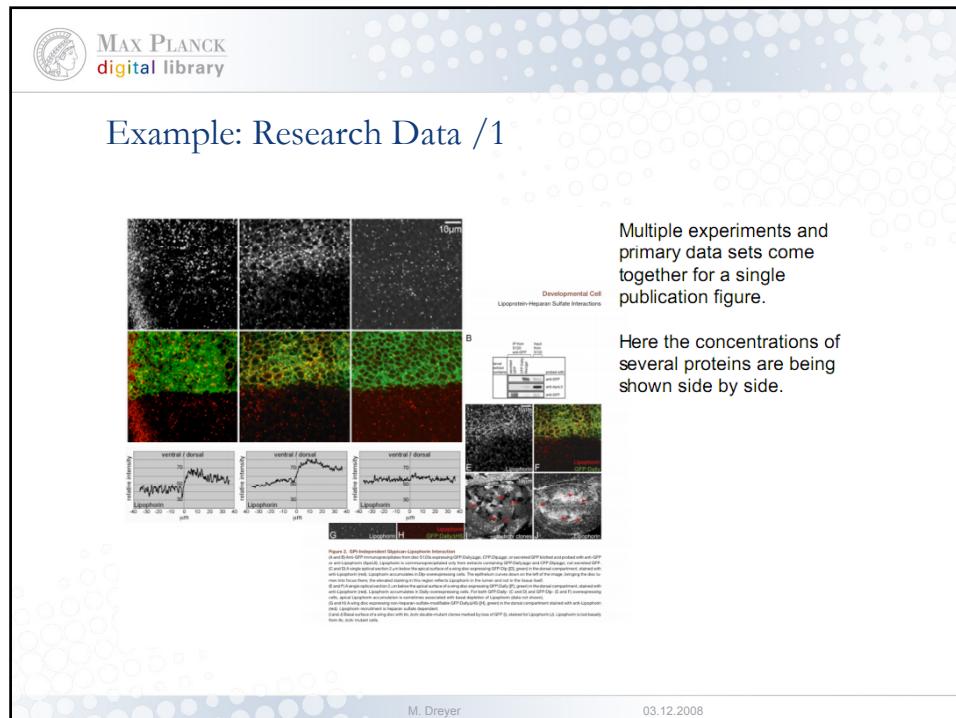
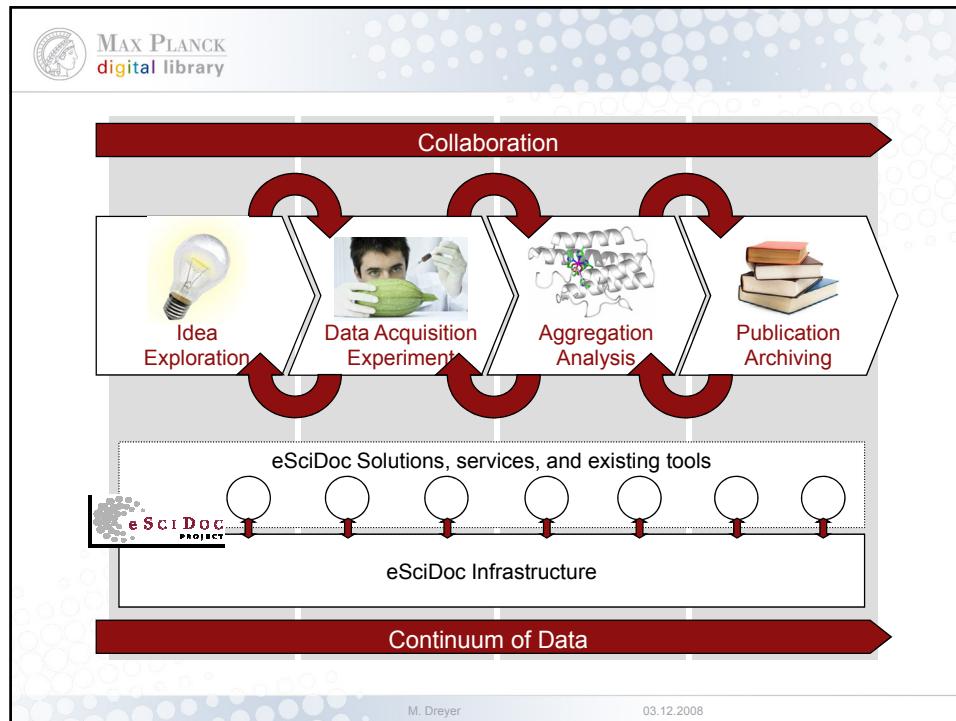
 MAX PLANCK
digital library

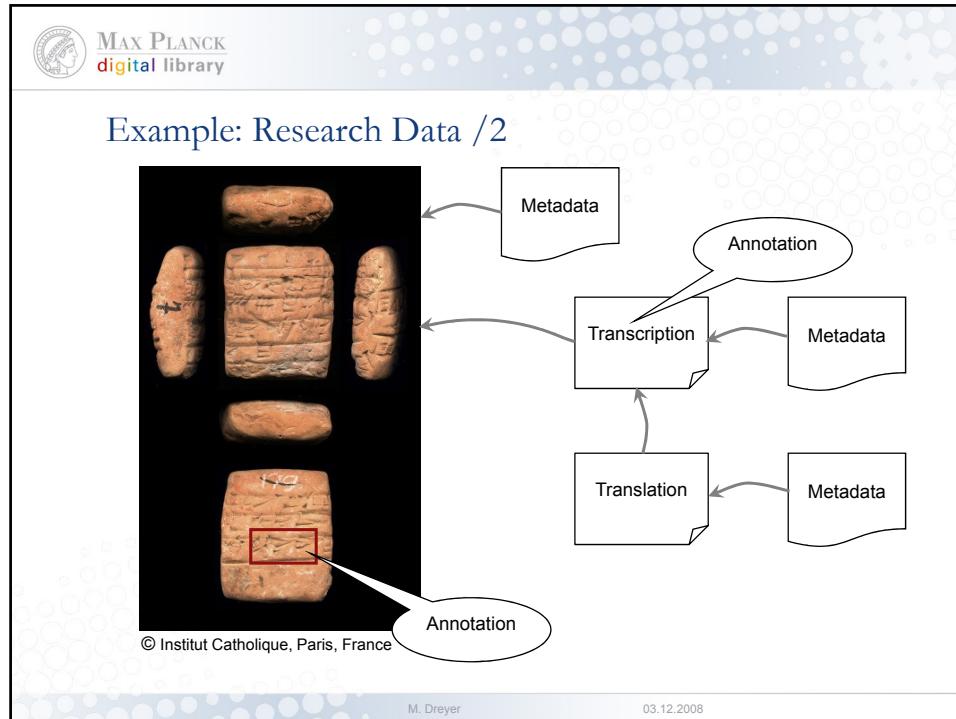
NIMS and MPDL

- Cooperate on building a digital library for NIMS
- Share expertise and insight
- Extend and improve eSciDoc infrastructure components
- Identify, prototype and build specific solution scenarios for research data
- Extend eSciDoc to work well with Japanese specifics
 - Internationalization
 - Search
 - Legal Issues and Copyright Workflows
- Enable for international user groups
- Virtual working groups



M. Dreyer 03.12.2008





The screenshot shows the **SciDoc.PubMan** project interface. At the top, there are links for **HOME**, **WORKSPACE**, **NEW SUBMISSION**, and **EXPORT**. The search bar contains "liquid chlorine". The navigation bar includes **Family Name, Gi...**, **Logout**, **About**, **FAQ**, **Help**, **English**, and a **Breadcrumb** section. The main area is titled **ItemList** and displays a list of items. The first item is a withdrawn document titled "Primary particle acceleration above 100 TeV in the shell-type Supernova Remnant RX J1713.7-3946 with deep H.E.S.S. observations". It includes fields for Creator(s), Dates, Genre, Journal Title, Degree, Publishing Info, Title, and Visibility. The second and third items are identical, also withdrawn, with the same title and details. The bottom of the page shows a summary of file counts: **Files** and **2 Files**.

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eSciDoc Solution 2: Photo Collections (FACES)

Sort by identifier Order is ascending

			
View Details	View Details	View Details	View Details
			
View Details	View Details	View Details	View Details

Show 12 hits of 72 < < 1 2 3 4 5 > > Number of pages : 6

M. Dreyer 03.12.2008

**MAX PLANCK
digital library**

eSciDoc Solution 2: Scanned Books (VIRR)

INHALTSÜBERSICHT EDITOR STARTSEITE

Oertel, Christian Gottfried: Vollständiges corpus gravaminum evangelicorum.
Band 7, 1775.

Scan Ausblenden Vollansicht Paginierung Ausblenden

Format: Römisch Start: 1 Paginieren

Zurücksetzen Speichern Speichern & Veröffentlichen

Element-Typ: Abschnitt Anlegen Löschen

Ebene zeigen Seiten mit anzeigen

20-999 Zeigen

Zuwiesen

1-20001 > Unnummiert ✓

1-20001 > I ✓

1-20001 > II ✓

1-20001 > III ✓

1-20001 > IV ✓

1-20001 > V ✓

1-20001 > VI ✓

1-20001 > VII ✓

1-20001 > VIII ✓

1-20001 > IX ✓

1-20001 > X ✓

1-20001 > XI ✓

1-20001 > XII ✓

1-20001 > XIII ✓

1-20001 > XIV ✓

1-20001 > XV ✓

1-20001 > XVI ✓

1-20001 > XVII ✓

1-20001 > XVIII ✓

1-20001 > XVIX ✓

1-20001 > XX ✓

1-20001 > XXI ✓

Abschnitt: Vollständiges corpus gravaminum evangelicorum.

Abschnitt: Vollständiges corpus gravaminum evangelicorum.

Metadaten Ausblenden Alle Seiten entfernen

M. Dreyer 03.12.2008



End

Please also visit our booth: #97
for flyers and personal information

Thank You !

Please contact:
Mikiko Tanifugi

TANIFUJI.Mikiko@nims.go.jp

Malte Dreyer
Malte.dreyer@mpdl.mpg.de

M. Dreyer

03.12.2008