



Herbert Van de Sompel

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Academic Qualifications

1979	Licentiaat Wetenschappen, afdeling Wiskunde. Ghent University, Belgium.
1981	Speciale Licentie Informatica. Ghent University, Belgium.
2000	Ph.D. in Communication Science, Ghent University, Belgium.

Positions Held

08/1981	08/2000	Head of Library Automation, University Library, Ghent University, Belgium.
02/1999	07/1999	Visiting Researcher, Research Library, Los Alamos National Laboratory, Los Alamos, NM, USA.
08/2000	09/2001	Visiting Professor, Computer Science Department, Information Science Group, Cornell University, Ithaca, NY, USA.
09/2001	02/2002	Director of Electronic Strategy and Programs, The British Library, London, UK.
04/2002	Onward	Scientist (Level 5) and Team Leader, Digital Library Research and Prototyping Team, Research Library, Los Alamos National Laboratory, Los Alamos, NM, USA.
06/2010	Onward	Visiting Professor, DANS (Data Archive and Networked Services), The Hague, The Netherlands
10/2016	09/2017	Sabbatical at DANS (Data Archive and Networked Services), The Hague, The Netherlands

Languages

Dutch	Mother tongue.
English	Fluent.
French	Used to be adequate for professional interactions while I was working in Belgium, but has deteriorated significantly by working in English speaking countries since 1999. I assume it would improve again through practice.

German Reasonable understanding and limited conversational capabilities.

Honors and Awards

2003	LITA/OCLC Frederick G. Kilgour Award for Research in Library and Information Technology.
2003	UKOLUG Tony Kent Strix Award.
2004	Charleston Advisor Five Star Award for an Individual.
2004	Best Poster Award, ACM/IEEE Joint Conference on Digital Libraries
2005	Los Alamos National Laboratory Distinguished Performance Award 2004.
2005	ANSI Meritorious Service Award 2005.
2005	LACASIS Contributions to Information Science and Technology Award 2005.
2006	SPARC Innovator (first recipient).
2006	Best Poster Award, ACM/IEEE Joint Conference on Digital Libraries
2010	Digital Preservation Award from the Digital Preservation Coalition.
2011	Vannevar Bush Best Paper Award, ACM/IEEE Joint Conference on Digital Libraries
2013	Los Alamos National Laboratory, Outstanding Innovation Award
2015	Los Alamos National Laboratory Fellows Award Prize for Outstanding Research in Science and Engineering
2017	CNI/ARL/EDUCAUSE Paul Evan Peters Award

Research Funding

09/1998	08/1999	Bijzondere Doctoraatsbeurs, Belgian Science Foundation.
02/1999	07/1999	Grant from the Council on Library and Information Resources to support travel and conference participation while conducting PhD research in the USA.
2001		Grant from the Digital Library Federation and the Coalition for Networked Information to support the activities of the Open Archives Initiative.
2002		Grant from the Digital Library Federation and the Coalition for Networked Information to support the activities of the Open Archives Initiative.
2004	2007	Grant from the Library of Congress's National Digital Information Infrastructure Preservation Program to conduct digital preservation research.
2004	2007	Grant from the US National Science Foundation for a research project related to cross-repository interoperability and workflows (Pathways).
2006	2008	Grant from the Andrew W. Mellon Foundation to support the Object Reuse and Exchange effort by the Open Archives Initiative (OAI-ORE).
2006	2008	Grant from the Andrew W. Mellon Foundation to research the feasibility of usage-based metrics for the assessment of scholarly impact (MESUR).
2008	2010	Grant from the Library of Congress's National Digital Information Infrastructure Preservation Program to research Web preservation (Tools for a Preservation-Ready Web).
2009	2010	Grant from the Andrew W. Mellon Foundation aimed at specifying a Web-centric annotation framework useable for scholarly applications (Open Annotation).
02/2009	08/2009	Sabbatical sponsored by the Los Alamos National Laboratory, and hosted by the University of New Mexico, Albuquerque, NM, USA.
2010	2011	Visiting Professor grant from the Royal Dutch Academy of Science (KNAW), hosted by the Data Archive and Networked Services (DANS), The Hague, The Netherlands.
2010	2012	Grant from the Library of Congress's National Digital Information

- Infrastructure Preservation Program to research Web preservation (Memento).
- 2011 2012 Follow-up grant from the Andrew W. Mellon Foundation aimed at specifying a Web-centric annotation framework useable for scholarly applications (Open Annotation).
- 2013 2014 Grant from the Sloan Foundation for the specification of an interoperable, web-centric, resource synchronization approach (ResourceSync).
- 2013 2015 Grant from the Andrew W. Mellon Foundation to quantify the extent of reference rot in web-based scholarly communication and explore approaches to combat it (Hiberlink).
- 2016 2019 Grant from the Andrew W. Mellon Foundation to explore web-centric approaches to archive the web-based scholarly record.

Career Highlights

- 1984 Leadership and coordination for the launch of library catalogue automation at Ghent University by joining the Belgian research library consortium LIBISnet.
- 1987 Leadership, coordination, and implementation of a local area network at the Ghent University Central Library that also provided wide area functionality, e.g. connecting to LIBISnet. It was the first local area network in a Belgian research library.
- 1989 Project management, concept and realization of the first generation of the Belgian Scientific Union Catalogue on CD-ROM (Collectieve Catalogus België), with Alberic Regent. CD-ROM contained over 2.000.000 titles held by Belgian scientific institutions. It was the first national union catalogue on CD-ROM in Europe.
- 1990 Leadership, coordination, and implementation of a multi-user CD-ROM consultation facility on the local area network of the Ghent University Central Library. This was the first CD-ROM local area network in a Belgian research library.
- 1991 1993 Leadership, coordination, and implementation of the Bibinfo solution on the Ghent University network. Bibinfo was a public access system that provided access to over 30 Gb of locally stored information (mainly Abstracting & Indexing databases on CD-ROM). Bibinfo was accessible from over 400 workstations in libraries and on researchers' offices. At the time of its introduction, this system was unique at the Belgian, European, and global level.
- 1991 1995 Project management, concept and realization of the second generation of the Belgian Scientific Union Catalogue on CD-ROM (Collectieve Catalogus België) with Alberic Regent and Jan Corthouts. SGML was introduced as a bibliographic exchange format. As far as can be verified this was the first usage of SGML to express MARC records. This SGML format later served as inspiration for international efforts aimed at specifying MARC in XML.
- 1993 1994 After a worldwide survey, SilverPlatter selects the Ghent University Central Library as one of six institutions, worldwide for beta-testing of their Electronic Reference Library, the first client-server solution for the consultation of Abstracting & Indexing databases delivered on CD-ROM.
- 1994 1995 Initiation of the concept for a Web interface for the SilverPlatter Electronic Reference Library (WebSPIRS), and collaboration with SilverPlatter for the realization.
- 1995 1996 Project Management for the selection process and the implementation of a new library housekeeping system for Ghent University, including compilation of the request for proposals, evaluation of proposals, market

- study, on-site visits. Aleph 500 from Ex Libris is selected and Ghent University becomes the first library, worldwide, to make it operational.
- 1996 1997 Project management, concept and realization of the third generation of the Belgian Scientific Union Catalogue on CD-ROM (Collectieve Catalogus België), with Jan Corthouts. This becomes the first union catalogue in the world in the SilverPlatter format. With this version, a student-edition of the union catalogue was introduced, available for 30 \$.
- 1996 Invited to become member of the Strategic Advisory Board of the Institute for Scientific Information (ISI) and later also for Thomson-Reuters Scientific. The Board consists of scholarly communication experts, including William Y. Arms, Blaise Cronin, Joshua Lederberg, Christine Borgman, Liz Lyon.
- 1996 2012 Lecturer at the annual TICER Summer School. On several occasions, participants rate my contributions as “best lecturer” or “best content”.
- 1997 Realization of the link-to-holdings facility between the SilverPlatter Electronic Reference Library and Aleph 500, based on ideas introduced in 1993.
- 1997 Project management, concept and realization of the Executive Lounge, a fully Web-based library portal that implements new visions of library services to end-users. Immediately after its launch, a Belgian Internet provider elects the Executive Lounge “site of the month”.
- 1997 1998 Project management for the Ghent University component of the Elektron project funded by the Flemish Government. Elektron aimed at the provision of electronic library services to a broad user community in Flanders.
- 1998 Grant from the Belgian Science Foundation to dedicate a full year on Ph.D. research (Bijzondere Doctoraatsbeurs).
- 1998 Conceptualization and initial realization of the context-sensitive, dynamic linking framework that would later become OpenURL and SFX.
- 1999 Initiation of the call for collaboration in the Universal Preprint Service Initiative, with Paul Ginsparg (creator of the Physics preprint server arXiv.org) and Rick Luce (then director of the Research Library of the Los Alamos National Laboratory). Fundraising for and organization of the first meeting held in Santa Fe, October 1999, which became a major catalyst for the Open Access movement.
- 1999 Conceptualization and realization of an advanced version of the context-sensitive, dynamic linking framework that would later become OpenURL and SFX. With Patrick Hochstenbach and Lieve Rottiers. The feasibility experiment includes Ghent University, Los Alamos National Laboratory, Wiley, American Physical Society, arXiv.org, etc.
- 2000 Initiation of the Open Archives Initiative and release of the Santa Fe Convention with Carl Lagoze. The Open Archives Initiative becomes a major catalyst for the Open Access movement.
- 2000 Ex Libris acquires the SFX linking server software from Ghent University. SFX is beta-tested at Harvard University, Caltech, Indiana University, Vanderbilt University and the Los Alamos National Laboratory. SFX is currently still widely used, worldwide, and competing OpenURL linking servers have emerged.
- 2000 Public release of the OpenURL draft, an interoperability specification for dynamic, context-sensitive linking. In the course of 2000, several companies in the information industry implement OpenURL (ISI, Ebsco Publishing, Institute of Physics Publishing, SilverPlatter, Bell&Howell Information and Learning, ingenta, H W Wilson, Swets Blackwell, the Gale Group, Cambridge Scientific Abstracts).
- 2000 Invited to become member of the Research Advisory Committee of the Online Computer Library Center (OCLC).
- 2000 2002 Initiation, coordination, and contribution to the effort to create the Open

- Archives Initiative Protocol for Metadata Harvesting (OAI-PMH). The protocol becomes widely adopted by libraries, repositories, publishers, and Web portals for the exchange of metadata.
- 2001 2005 Major contributor to the ANSI/NISO Z39.88-2004 Standard “OpenURL Framework for Context-Sensitive Services”. The standard is based on aforementioned concepts regarding dynamic and context-sensitive linking and becomes widely adopted.
- 2002 2005 Conceptualization, coordination, and realization of the bX article recommender service with Johan Bollen. The system leverages usage logs recorded by OpenURL linking servers to generate recommendations. Ex Libris acquires the system from the Los Alamos National Laboratory and deploys it globally.
- 2004 Conceptualization, coordination, and realization of the aDORe repository software that is designed and developed to be a long term digital asset repository for the Research Library of the Los Alamos National Laboratory. The design attracts international attention because of its highly modular nature.
- 2006 2008 Research into alternative metrics for the assessment of scholarly impact, with Johan Bollen, in the context of the MESUR project. The project is the first to scientifically show that scholarly usage data exhibits a meaningful structure that can be leveraged for the definition of impact metrics. The MESUR results are a significant catalyst for a variety of efforts aimed at defining new impact metrics, including as alt.metrics.
- 2006 2008 Initiation, coordination, and contribution to the effort to create the Open Archives Initiative Object Reuse and Exchange specification (OAI-ORE). The protocol’s adoption is growing steadily in scientific data infrastructures, cultural heritage services, and linked data applications.
- 2007 2008 Coordination of the effort to create the open source djatoka image server. The server becomes widely used, among others, in digital humanities projects.
- 2009 2010 Member of the European Union High Level Expert Group on Scientific Data.
- 2009 2013 Conceptualization of the Memento “Time Travel for the Web” protocol with Michael Nelson and Robert Sanderson, and coordination of a variety of efforts aimed at spreading Memento adoption. Memento receives high praise in the digital preservation community but also from Web gurus such as Sir Tim Berners-Lee. Most public web archives, worldwide, meanwhile support the Memento protocol.
- 2009 2014 Initiation, leadership, and contribution to the Open Annotation effort aimed at devising a Web-centric annotation framework useable for scholarly applications. The specification that resulted from this effort became the core of the W3C Open Annotation standard.
- 2010 2014 Contributions to the SharedCanvas approach for representing and interacting with digitized manuscripts. SharedCanvas attracts significant attention in the digital humanities community and becomes an integral component of the International Image Interoperability Framework (IIIF), which is being adopted, worldwide.
- 2011 2014 Initiation, coordination, and contribution to the NISO ResourceSync effort for Web-centric resource synchronization framework. Is published as ANSI/NISO Z39.99-2014.
- 2014 2015 Conceptualization, design, and coordination of development for the Time Travel portal that allows discovering archived web resources in web archives, worldwide. A year after its launch, the portal handles 50 million transactions per day.
- 2014 2015 Conceptualization and specification of the Robust Link approach aimed at combating reference rot for web links, based on decoration of links with

		temporal and archival information.
2014	onward	Conceptualization and specification of the Signposting approach to achieve interoperability for navigation across scholarly web resources.
2016	onward	Exploration of the use of decentralized web concepts to scholarly communication.
2017		Recipient of the CNI/ARL/EDUCAUSE Paul Evan Peters Award, previously awarded to Tim Berners-Lee (inventor of the Web), Paul Ginsparg (inventor of the arxiv.org preprint server), Brewster Kahle (inventor of the Internet Archive).

Teaching

01/2001	05/2001	Cornell University. Computing Methods for Digital Libraries (CS502)
1996	2012	Tilburg University. International Summer School on the Digital Library. Various topics related to innovative use of technology in digital libraries.
2001	2005	Emory University. Frye Leadership Institute. Various topics related to innovations in scholarly communication.
2001	Onward	Tutorials at various conferences related to information interoperability technologies.

Service

Expert Committees

Member of numerous advisory boards and expert committees for the scholarly information industry, funding agencies, and funded projects including but not limited to: ISI, Thomson-Reuters Scientific, SilverPlatter, Ex Libris, CrossRef, OCLC, Swets, JISC, DINI, SURF, European Commission, National Science Foundation, Europeana, Planets, OpenAIRE, EOSCPilot, Thor, EUDAT.

Peer Review

Peer Review of papers and project proposals for various venues including but not limited to: Joint Conference on Digital Libraries, European Conference on Digital Libraries, Theory and Practice of Digital Libraries, Linked Data on the Web, European Semantic Web Conference, Conference on Information and Knowledge Management, International Semantic Web Conference, Semantics, European Commission.

Conference Organization

Member of the steering committee of the OAI Workshops on Innovations in Scholarly Communication since its inauguration.

Program Chair of the Joint Conference on Digital Libraries 2012.

Steering Committee member of the Joint Conference on Digital Libraries.

PhD Committee Member

Jeroen Bekaert (Ghent University), Ruben Verborgh (Ghent University), Martin Klein (Old Dominion University), Ahmed Alsum (Old Dominion University), Sam Coppens (Ghent University), Miel Vander Sande (Ghent University)

Student Support

Ghent University: Master Thesis Advisor (students of Prof. Dr. Ir. Luc Boullart)

Vandenbulcke, D. Studie van een bibliografische bezitsdatabank op CD-ROM. Afstudeerwerk tot het behalen van de wettelijke graad van Licentiaat in de Informatica, Academiejaar 1988-1989, Universiteit Gent.

{translated title: 'Study for a bibliographic holdings database on CD-ROM'}.

Deseynne, J. Indexatie van databanken voor CD-ROM via transputers. Afstudeerwerk tot het behalen van de wettelijke graad van Licentiaat in de Informatica, Academiejaar 1989-1990, Universiteit Gent.

{translated title: 'Indexing databases for CD-ROM using transputers'}.

Daels, K. Transputer-gebaseerde verwerking van een SGML-gestructureerde bibliografische databank. Afstudeerwerk tot het behalen van de wettelijke graad van Licentiaat in de Informatica Academiejaar 1990-1991, Universiteit Gent. *{translated title: 'Indexing SGML structured bibliographic information using transputers'}.*

Verberckmoes, P. Een WWW toegang tot de Silverplatter ERL server. Afstudeerwerk tot het behalen van de wettelijke graad van Industrieel Ingenieur, Academiejaar 1994-1995, *{translated title: 'A WWW interface for the SilverPlatter ERL server'}.*

De Groot, G. In-house realisatie van SilverPlatter ERL databanken. Afstudeerwerk tot het behalen van de wettelijke graad van Industrieel Ingenieur, Academiejaar 1996-1997. *{translated title: 'In-house realization of SilverPlatter ERL databases'}.*

D'hondt, D. Een Java screen-saver met netwerk-connecties. Afstudeerwerk tot het behalen van de wettelijke graad van Industrieel Ingenieur, Academiejaar 1997-1998.

Los Alamos National Laboratory: Mentoring

- Researchers: Luydmilla Balakireva, Johan Bollen, Robert Sanderson, Thorsten Schwander, Martin Klein
- PostDocs: Martin Klein, Xiaoming Liu, Marko Rodriguez, Martin Klein
- Graduate Students: Jeroen Bekaert, Frank McCown, Henry Jerez, Shawn Jones, Frank McCown, Alberto Pepe, Marko Rodriguez, Zhiwu Xie
- Masters Students: Yorick Chollet, Nicolas Bornand

Commercialization

2000	SFX Linking Server sold by Ghent University to Ex Libris and since then used by libraries, worldwide.
2008	bX Article Recommender Engine sold by the Los Alamos National Laboratory to Ex Libris and since then used by libraries, worldwide. Based on US Patent 8135662 "Usage based indicators to assess the impact of scholarly works: architecture and method".

Publications

Metrics from Google Scholar (<https://scholar.google.com/citations?user=mIQeK38AAAAI>), not Web of Science, because the research I conduct is disseminated via papers published in a multitude of venues including journals, conference proceedings, preprint repositories, professional magazines:

- H-index: 40
- H-index since 2013: 23

- Average citations per year (2000-2017): 411

2017

Vander Sande, M., Verborgh, R., Hochstenbach, P., and Van de Sompel, H. (2017) Towards sustainable publishing and querying of distributed Linked Data archives. *Journal of Documentation*. Volume 13, Issue 6. Preprint at <http://linkeddatafragments.org/publications/jod2017.pdf>

Klein, M., and Van de Sompel, H. (2017) Discovering Scholarly Orphans Using ORCID. *Proceedings of the 2017 ACM/IEEE Joint Conference on Digital Libraries*. Arxiv preprint arXiv:1703.09343 at <https://arxiv.org/abs/1703.09343>

Kelly, M., Alkwai, L. M., Nelson, M.L., Weigle, M. C., and Van de Sompel, H. (2017) Impact of URI Canonicalization on Memento Count. *Proceedings of the 2017 ACM/IEEE Joint Conference on Digital Libraries*. Arxiv preprint arXiv:1703.03302 at <https://arxiv.org/abs/1703.03302>

2016

Jones, S., Michael L. Nelson, and Van de Sompel (2016) Avoiding spoilers: wiki time travel with Sheldon Cooper. *Int J Digit Libr* doi: 10.1007/s00799-016-0200-8 ; <https://doi.org/10.1007/s00799-016-0200-8>

Jones, S., Van de Sompel, H., Shankar, H., Klein, M., Tobin, R., and Grover, C. (2016) Scholarly Context Adrift: Three out of Four URI References Lead to Changed Content. *PLoS ONE*, 11(12): e0167475. doi: 10.1371/journal.pone.0167475 ; <http://dx.doi.org/10.1371/10.1371/journal.pone.0167475>

Van de Sompel, H., Rosenthal, D., and Nelson, M.L. (2016) Web Infrastructure to Support e-Journal Preservation (and More). Arxiv preprint. arXiv:1605.06154 ; <http://arxiv.org/abs/1605.06154>

Bornand, N., Balakireva, L., and Van de Sompel, H. (2016) Routing Memento Requests Using Binary Classifiers. *Proceedings of the 16th ACM/IEEE-CS on Joint Conference on Digital Libraries, JCDL 2016*. <http://doi.acm.org/10.1145/2910896.291089>

Van de Sompel, H., Klein, M., and Shawn, J. (2016) Persistent URIs Must Be Used To Be Persistent. *Proceedings of the 25th International Conference Companion on World Wide Web, WWW 2016*. <http://dx.doi.org/10.1145/2872518.2889352>

2015

Van de Sompel, H., and Nelson, M.L. (2015) Reminiscing About 15 Years of Interoperability Efforts. *D-Lib Magazine*, 21(11/12). <http://dx.doi.org/10.1045/november2015-vandesompel>

Borgman, C. L., Van de Sompel, H., Scharnhorst, A., van den Berg, H. and Treloar, A. (2015) Who uses the digital data archive? An exploratory study of DANS. *Proceedings of the Association for Information Science and Technology*, 52(1), pp 1-4. <http://dx.doi.org/10.1002/pra2.2015.145052010096>

Alam, S., Nelson, M.L., Van de Sompel, H., Balakireva, L., Shankar, H., and Rosenthal, D. (2015) Web Archive Profiling Through CDX Summarization. *International Conference on Theory and Practice of Digital Libraries, TPDL 2015*. http://dx.doi.org/10.1007/978-3-319-24592-8_1

Ainsworth, S., Nelson, M.L., and Van de Sompel, H. (2015) Only One Out Of Five Archived Web Pages Existed as Presented. *Proceedings of the 26th ACM Conference on Hypertext & Social Media, HT 15*. <http://dx.doi.org/10.1145/2700171.2791044>

2014

Klein, M., Van de Sompel, H., Sanderson, R., Shankar, H., Balakireva, L., Zhou K., and Tobin, R. (2014) Scholarly Context Not Found: One in Five Articles Suffers from Reference Rot. PLoS ONE, 9(12): e115253. doi:10.1371/journal.pone.0115253 ; <http://dx.doi.org/10.1371/journal.pone.0115253>

Van de Sompel, H., and Treloar, A. (2014) A Perspective on Archiving the Scholarly Web. Proceedings of the 11th International Conference on Digital Preservation, iPres2014

Alsum, A., Weigle, M.C., Nelson, M.L., and Van de Sompel, H. (2014) Profiling Web Archive Coverage for Top-Level Domain and Content Language. International Journal on Digital Libraries; doi:10.1007/s00799-014-0118-y; <http://dx.doi.org/10.1007/s00799-014-0118-y>

Jones, S., Nelson, M.L., Shankar, H. and Van de Sompel, H. (2014) Bringing Web Time Travel to MediaWiki: An Assessment of the Memento MediaWiki Extension. Arxiv preprint. arXiv:1406.3876 ; <http://arxiv.org/abs/1406.3876>

Powell, J., Shankar, H., Rodriguez, M., and Van de Sompel, H. (2014) EgoSystem: Where are our Alumni? Code4Lib Journal, Issue 24. <http://journal.code4lib.org/articles/9519>

Haslhofer, B., Sanderson, R., Simon, R., and Van de Sompel, H., (2014) Open Annotation on Multimedia Web Resources. Multimedia Tools and Applications; doi:10.1007/s11042-012-1098-9; <http://dx.doi.org/10.1007/s11042-012-1098-9>

Van de Sompel, H., Sanderson, R., Shankar, H., and Klein, M. (2014) Persistent Identifiers and the Web: The Need for an Unambiguous Mapping. International Journal of Digital Curation, Vol 9, No 1. <http://dx.doi.org/10.2218/ijdc.v9i1.320>

Klein, M., Sanderson, R., Van de Sompel, H., and Nelson, M.L. (2014) Real-Time Notification for Resource Synchronization. Arxiv preprint. arXiv:1402.3305 ; <http://arxiv.org/abs/1402.3305>

Ainsworth, S., Nelson, M.L., and Van de Sompel, H. (2014) A Framework for Evaluation of Composite Memento Temporal Coherence. Arxiv preprint. arXiv:1402.0928 ; <http://arxiv.org/abs/1402.0928>
2013

Xie, Z., Van de Sompel, H., Liu, J., van Reenen, J., and Jordan, R. (2013) Archiving the Relaxed Consistency Web. CIKM '13: Proceedings of the 22nd ACM international conference on Conference on information & knowledge management; doi:10.1145/2505515.2505551 ; <http://dx.doi.org/10.1145/2505515.2505551> ; Arxiv preprint. arXiv:1308.2433; <http://arxiv.org/abs/1308.2433>

Brunelle, J., Nelson, M.L., Balakireva, L., Sanderson, R., and Van de Sompel, H. (2013) Evaluating SiteStory with the ApacheBench Tool. Lecture Notes in Computer Science, Volume 2013; doi:10.1007/978-3-642-40501-3_20; http://dx.doi.org/10.1007/978-3-642-40501-3_20

Alsum, A., Weigle, M.C., Nelson, M.L., and Van de Sompel, H. (2013) Profiling Web Archive Coverage for Top-Level Domain and Content Language. Lecture Notes in Computer Science, Volume 2013; doi:10.1007/978-3-642-40501-3_7; http://dx.doi.org/10.1007/978-3-642-40501-3_7

Klein, M., and Van de Sompel, H. (2013) Extending Sitemaps for Resourcesync. (2013) ACM/IEEE Joint Conference on Digital Libraries 2013; doi:10.1145/2467696.2467733; <http://dx.doi.org/10.1145/2467696.2467733>

Haslhofer, B., Warner, S., Lagoze, C., Klein, M., Sanderson, R., Nelson, M.L. and Van de Sompel, H. (2013) ResourceSync: Leveraging Sitemaps for Resource Synchronization. Arxiv preprint. arXiv:1305.1476; <http://arxiv.org/abs/1305.1476> Accepted at WWW 2013 Developer Track

Sanderson, R., Ciccarese, P., and Van de Sompel, H. (2013) Designing the W3C Open Annotation Data Model. Arxiv preprint. arXiv:1304.6709; <http://arxiv.org/abs/1304.6709> Accepted for ACM Conference on Web Science 2013

Alsum, A., Nelson, M.L., Sanderson, R., and Van de Sompel, H. (2013) Archival HTTP Redirection Retrieval Policies. Third Temporal Web Analytics Workshop (TempWeb03) May 13 2013, Rio de Janeiro, Brasil. <http://dl.acm.org/citation.cfm?id=2488117>

Klein, M., Sanderson, R., Van de Sompel, H., Warner, S., Haslhofer, B., Lagoze, C., and Nelson, M.L. (2013) A Technical Framework for Resource Synchronization. doi:10.1045/january2013-klein; <http://dx.doi.org/10.1045/january2013-klein>

2012

Van de Sompel, H., Sanderson, R., Klein, M., Nelson, M.L., Haslhofer, B., Warner, S., and Lagoze, C. (2012) A Perspective on Resource Synchronization. doi:10.1045/september2012-vandesompel; <http://dx.doi.org/10.1045/september2012-vandesompel>

Xie, Z., Van de Sompel, H., Liu, J., van Reenen, J., and Jordan, R. (2012) Poor Man's Social Network: Consistently Trade Freshness for Scalability. 3rd USENIX Conference of Web Application Development, Boston, MA, June 12-15 2012. <https://www.usenix.org/conference/webapps12/technical-sessions/presentation/xie>

Sanderson, R., Albritton, B., Schwemmer, R., and Van de Sompel, H. (2011) SharedCanvas: A Collaborative Model for Medieval Manuscript Layout. International Journal on Digital Libraries; doi:10.1007/s00799-012-0098-8; <http://dx.doi.org/10.1007/s00799-012-0098-8>

Sanderson, R., and Van de Sompel, H. (2012) Cool URIs and Dynamic Data. IEEE Internet Computing, July/August 2012; <http://dx.doi.org/10.1109/MIC.2012.78>

2011

Sanderson, R., Brugman, H., Albritton, B., and Van de Sompel, H. (2011) Evaluating the SharedCanvas Manuscript Data Model in CATCHPlus. Proceedings of the 2011 Supporting Digital Humanities Conference (SDH 2011); Arxiv preprint. arxiv:1110.3687 ; <http://arxiv.org/abs/1110.3687>

Haslhofer, B., Simon, R., Sanderson, R., and Van de Sompel, H. (2011) The Open Annotation Collaboration (OAC) Model. MMWeb 2011; Arxiv preprint. arXiv:1106.5178 ; <http://arxiv.org/abs/1106.5178>

Sanderson, R., Phillips, M., and Van de Sompel, H. (2011) Analyzing the Persistence of Referenced Web Resources with Memento. Open Repositories 2011; Arxiv preprint. arXiv:1105.3459 ; <http://arxiv.org/abs/1105.3459>

Sanderson, R., Albritton, B., Schwemmer, R., and Van de Sompel, H. (2011) SharedCanvas: A Collaborative Model for Medieval Manuscript Layout Dissemination. Proceedings of the 11th ACM/IEEE-CS Joint Conference on Digital libraries - Winner of Best Paper Award; Arxiv preprint. arxiv:1104.2925 ; <http://arxiv.org/abs/1104.2925>

Sanderson, R., Brugman, H., Albritton, B., and Van de Sompel, H. (2011) Evaluating the SharedCanvas Manuscript Data Model in CATCHPlus. Proceedings of the 2011 Supporting Digital Humanities Conference (SDH 2011); Arxiv preprint. arxiv:1110.3687 ; <http://arxiv.org/abs/1110.3687>

Haslhofer, B., Simon, R., Sanderson, R., and Van de Sompel, H. (2011) The Open Annotation Collaboration (OAC) Model. MMWeb 2011; Arxiv preprint. arXiv:1106.5178 ; <http://arxiv.org/abs/1106.5178>

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Presentations (Keynotes and Invited Talks)

2017

Herbert Van de Sompel. Interoperability for Discovery and Navigation: ResourceSync and Signposting. Tutorial at OAI9, Workshop on Innovations in Scholarly Communication, Geneva, Switzerland, June 21 2017.

Herbert Van de Sompel. Reference Rot = Link Rot + Content Drift. Guest lecture at Ghent University, Ghent, Belgium. April 27 2017.

Herbert Van de Sompel. Niet op het web maar van het web. Guest lecture at Ghent University, Ghent, Belgium. April 27 2017.

Herbert Van de Sompel, Martin Klein, and Michael L. Nelson. To the Rescue of the Orphans of Scholarly Communication. CNI Membership Meeting, Spring 2017, Albuquerque, NM. April 3 2017. Video recording at <https://vimeo.com/218627896>.

Herbert Van de Sompel. Niet op het web maar van het web. University of Amsterdam, Amsterdam, The Netherlands. March 14 3 2017.

Herbert Van de Sompel. En toen was er niets meer. VOGIN-IP Conferentie, Amsterdam, The Netherlands. March 9 2017.

2016

Herbert Van de Sompel. Another kind of openness. Open Access Symposium, Cape Town University, Cape Town, South Africa, December 7 2016.

Herbert Van de Sompel. Werken aan een technische onderbouw voor autonome, samenwerkende webarchieven. NCDD's Een web van webarchieven, Eindhoven, November 17 2016.

Herbert Van de Sompel. Web Infrastructure to Connect Repositories. NCDD's Een web van erfgoeddata, Utrecht, The Netherlands, November 12 2016.

Herbert Van de Sompel. Signposting pattern for PIDs. PIDapalooza, Reykjavik, Iceland, November 10 2016.

Herbert Van de Sompel. Devising Affordable and Functional Linked Data Archives. Web Archiving and Digital Libraries Workshop 2016, Newark, NJ. June 22 2016.

Herbert Van de Sompel. Establishing New Levels of Interoperability for Web-Based Scholarship. COAR General Assembly, Vienna, Austria. April 12 2016.

Herbert Van de Sompel and Miel Vander Sande. Access to DBpedia Versions using Memento and Triple Pattern Fragments. CNI Membership Meeting, Spring 2016, San Antonio, TX. April 5 2016.

2015

Herbert Van de Sompel and Michael L. Nelson. Achieving Meaningful Interoperability for Web-based Research. CNI Membership Meeting, Fall 2015, Washington, DC. December 14 2015.

Herbert Van de Sompel. Signposting: a low-barrier component of semantic infrastructure. EUDAT Workshop, Barcelona, Spain, November 12 2015.

Herbert Van de Sompel. Web-Centric Solutions for Web-Based Scholarship. Webinar for ICSU World Data System, July 22 2015.

Herbert Van de Sompel. Memento: Uniform and Robust Access to Resource Versions. Tutorial at OAI9, Workshop on Innovations in Scholarly Communication, Geneva, Switzerland, June 17 2015.

Herbert Van de Sompel. Results from the Hiberlink Project. DANS, The Hague, The Netherlands, May 19 2015.

Herbert Van de Sompel. Memento Time Travel. IIPC General Assembly 2015, Stanford University, Palo Alto, CA, April 28 2015.

Herbert Van de Sompel. Long Term Persistence of the Web-Based Scholarly Record. OSTI STIP Meeting, Los Alamos, NM, April 20 2015.

Herbert Van de Sompel. A Perspective on Archiving the Evolving Scholarly Record. OCLC Workshop on the Evolving Scholarly Record, Evanston, IL, March 23 2015.

2014

Herbert Van de Sompel. A Perspective on Archiving the Evolving Scholarly Record. OCLC Workshop on the Evolving Scholarly Record, Washington, DC, December 10 2014.

Herbert Van de Sompel. Towards a web native scholarly communication system. LIS75, Cape Town, South Africa, November 27 2014.

Herbert Van de Sompel. Creating Pockets of Persistence. 404/File Not Found, Washington, DC, October 24 2014.

Herbert Van de Sompel. When I say NOW, it's already over. Keynote at iPres, Conference on Digital Preservation (iPres 2014), Melbourne, Australia, October 10 2014.

Herbert Van de Sompel. Towards Robust Linking and Referencing for Web-Based Scholarly Communication. Conferences on Intelligent Computer Mathematics (CICM 2014), Coimbra, Portugal, July 11 2014.

Herbert Van de Sompel. Towards Robust Linking and Referencing for Web-Based Scholarly Communication. EIPub 2014, Thessaloniki, Greece, June 19 2014.

Herbert Van de Sompel, Andrew Treloar. A Perspective on Archiving the Evolving Scholarly Record. OCLC/DANS Workshop on the Evolving Scholarly Record, Amsterdam, The Netherlands, June 10 2014.

Herbert Van de Sompel. Using Web Infrastructure for Archiving. 3rd LIBER Workshop on Digital Curation, Vienna, Austria, May 19 2014.

Herbert Van de Sompel. From a System of Journals to a Web of Objects. Keynote at NASIG 2014 Conference, Dallas Forth-Worth, TX, May 3 2014.

Herbert Van de Sompel, Martin Klein. ResourceSync: A Modular Framework For Web-Based Resource Synchronization. CNI Membership Meeting, Spring 2014. St. Louis, MO, April 31 2014.

Herbert Van de Sompel. Open Platforms for Web Based Research Communication. SPARC 2014 Conference, Kansas City, MO, March 3 2014.

Herbert Van de Sompel. Memento and Hiberlink Overview. University of Louvain, Computer Science Department, Louvain, Belgium, January 22 2014.

Andrew Treloar and Herbert Van de Sompel. Riding the Wave and the Scholarly Archive of the Future. DANS, The Hague, The Netherlands, January 20 2014.

Herbert Van de Sompel. Hiberlink: Investigating Reference Rot In Web-Based Scholarly Communication. DANS, The Hague, The Netherlands, January 15 2014.

2013

Herbert Van de Sompel. Investigating Reference Rot In Web-Based Scholarly Communication. LIBIS seminar, University of Louvain, Louvain, Belgium, December 19 2013.

Herbert Van de Sompel and Martin Klein. Hiberlink: Investigating Reference Rot In Web-Based Scholarly Communication. CNI Membership Meeting, Fall 2013. Washington, DC, December 9 2013.

Herbert Van de Sompel. A clean slate. Keynote at ELAG 2013, Ghent, Belgium, May 29 2013.

Herbert Van de Sompel, Michael L. Nelson, David Rosenthal. Memento Aggregator Update. IIPC General Assembly, Ljubljana, Slovenia, April 23 2013.

Herbert Van de Sompel. From the version of record to a version of the record. Keynote at the CNI Membership Meeting, Spring 2013, San Antonio, TX. April 4 2013.

Herbert Van de Sompel, Martin Klein, Robert Sanderson. Overview of ongoing projects: Memento, Open Annotation, ResourceSync. Edina seminar, Edinburgh, UK. March 17 2013.

Herbert Van de Sompel. W3C Open Annotation. EUDAT User Meeting, London, UK. March 11 2013.

Herbert Van de Sompel. The Web as infrastructure for scholarly research and communication. Keynote at the International Digital Curation Conference, Amsterdam, The Netherlands. January 16 2013.

2012

Herbert Van de Sompel. Semantic Web & Linked Data. Mellon Foundation IT Projects Meeting. New York, NY, November 28 2012.

Herbert Van de Sompel. Memento: Time Travel for the Scholarly Web. University of Michigan Open Data Seminar. Ann Arbor, MI, November 31 2012.

Herbert Van de Sompel. Paint-Yourself-In-The-Corner Infrastructure. Keynote at Emerging Technologies in Academic Libraries 2012 (EMTACL2012), Trondheim, Norway, October 1 2012.

Herbert Van de Sompel. The Web-Based Scholarly Record: Identification, Persistence, Actionability. Keynote at Libraries in the Digital Age 2012 (LIDA2012), Zadar, Croatia, June 21 2012.

Herbert Van de Sompel. Web Archiving Activities at LANL. International Internet Preservation Consortium General Assembly. Washington, DC, May 2 2012.

Herbert Van de Sompel. ResourceSync: Towards a Web-Based Approach for Resource Synchronization. CNI Membership Meeting, Spring 2012. Baltimore, MD, April 2 2012.

Herbert Van de Sompel. Memento: Time Travel for the Web. Third BlogForever Consortium Meeting. Berlin, Germany, February 22 2012.

2011

Time Travel for the Scholarly Web. STM Innovations Seminar 2011, London, UK, December 2 2011.

Tipping the Sacred Cow: Thinking Beyond the Journal System. Keynote at Semantic Web in Bibliotheken 2011 (SWIB11), Hamburg, Germany, November 30 2011.

The Perpetual Now (and how to Esc it). Keynote at The Future of the Past of the Web, British Library, London, UK, October 7 2011.

Persistence, identification, and the actionability of data citations. Symposium on Developing Data Attribution and Citation Practices and Standards, Berkeley, CA, August 22 2011.

Towards a Machine-Actionable Scholarly Communication System. Keynote at LIBER 2011, Barcelona, Spain, June 30 2011.

Resource-Centric Interoperability for Digital Scholarship. Meertens Institute eHumanities Group, Amsterdam, The Netherlands, June 16 2011.

Memento: Giant Leaps Towards Seamless Navigation of the Past Web. CNI Task Force Meeting, Spring 2009 . San Diego, CA. April 4 2011. With Robert Sanderson, Michael Nelson.

2010

It's about Time. Keynote at the IGeLU Conference 2010, Gent, Belgium, August 30 2010.

Linked Data, OAI-ORE, and Open Annotation. DANS Linked Data Workshop, The Hague, The Netherlands, July 28 2010.

A brief introduction to Memento. IETF 78 - HTTPbis track, Maastricht, The Netherlands, July 26 2010. With Michael Nelson.

Open Annotation & Memento. Max Planck Institute for Psycholinguistics, University of Nijmegen, Nijmegen, The Netherlands, July 20 2010.

Accessing Resource versions with Memento. ODaF Europe 2010, Tilburg University, Tilburg, The Netherlands, July 7 2010.

Memento: Versioning Resources to support HTTP-based Discovery. JISC/CNI Meeting 2010, Edinburgh, UK, July 2 2010.

Memento: Time Travel for the Web. Santa Fe Institute, Santa Fe, NM, February 24 2010

Memento: Time Travel for the Web. University of New Mexico, Albuquerque, NM, February 10 2010

Memento: Time Travel for the Web. Europeana Meeting, Berlin, Germany, January 25 2010.

2009

Memento: Time Travel for the Web. CNI Task Force Meeting, Fall 2009. Washington, DC. December 15 2009. With Michael Nelson, and Robert Sanderson.

Interoperable Annotation: Perspectives from the Open Annotation Collaboration. CNI Task Force Meeting, Fall 2009 . Washington, DC. December 14 2009. With Robert Sanderson.

Memento: Time Travel for the Web. Ghent University Library, Gent, Belgium, December 9 2009.

Memento: Time Travel for the Web. OCLC Distinguished Speakers Series, Dublin, OH, November 19 2009.

Memento: Time Travel for the Web. Library of Congress Brown Bag Series, Washington, DC, November 16 2009. With Michael Nelson.

The OAI-ORE Interoperability Framework in the current Scholarly Communication Context. CERN Workshop on Innovations in Scholarly Communications (OAI6), Geneva, Switzerland, June 17-19 2009.

MESUR: Making Use and Sense of Scholarly Usage Data. Inforum 2009, Prague, Czech Republic, May 28 2009.

Attempts at innovation in scholarly communication. Keynote at Inforum 2009, Prague, Czech Republic, May 27 2009.

Attempts at innovation in scholarly communication. Keynote at the Bielefeld Conference 2009, Bielefeld, Germany, February 4 2009.

OAI Object Reuse and Exchange. LITA Standards Interest Group, ALA 2009 Winter Conference, Denver, CO, January 24 2009.

2008

OAI Object Reuse and Exchange (OAI-ORE): Production Release of the Specifications. CNI Task Force Meeting, Fall 2008 . Washington, DC, December 8 2008. With Carl Lagoze.

The djatoka JPEG 2000 image server. DLF Forum, Fall 2008. Providence, RI, November 13 2008. With Ryan Chute.

Work in Progress. Keynote at ETD 2008, Aberdeen, Scotland, June 4-7 2008.

The MESUR Project: in search of usage-based impact metrics. Keynote at UKSG 2008, Torquay, UK, April 7-9 2008.

2007

An Update from OAI Object Re-Use & Exchange. CNI Task Force Meeting, Fall 2007, Washington, DC, December 10-11 2007. With Carl Lagoze, Michael Nelson, Robert Sanderson, Simeon Warner.

Open Archives Initiative Object Reuse and Exchange: A Status Report. Digital Library Federation Fall 2007 Forum, Philadelphia, PA, November 5-7 2007. With Carl Lagoze, Michael Nelson, Simeon Warner.

An Update on the Open Archives Initiative Object Re-Use and Exchange (OAI-ORE) Project. CNI Task Force Meeting, Spring 2007, Phoenix, AZ, April 16-17 2007.

The Open Archives Initiative Object Re-Use and Exchange Effort. The 8th Annual AISTI Mini-Conference: Innovate or Perish: Information Science at a Cross Roads, Santa Fe, NM, May 15-16 2007. OAI Object Re-Use and Exchange: Moving interoperability from the metadata to the resource level. European Library Automation Group (ELAG 2007), Barcelona, Spain, May 9-11 2007.

OAI Object Re-Use and Exchange. CERN Workshop on Innovations in Scholarly Communications (OAI5), Geneva, Switzerland, April 18-20, 2007.

Object Re-Use and Exchange. EUSIDIC 2007, Roskilde, Denmark, March 12-13, 2007.

2006

Augmenting Interoperability across Scholarly Repositories. JISC/CNI Conference, York, UK, July 7th 2006.

The Brave New World of Repositories. Keynote at EIPub 2006, Bansko, Bulgaria, 14-16 June 2006.

The Brave New World of Repositories. Keynote at IATUL 2006, Porto, Portugal, 22-25 May 2006.

Thoughts on Persistent Resolution. Digital Library Federation Forum, Austin, TX, April 10 2006.

Open Archives Protocol for Metadata Harvesting (OAI-PMH). Reading 2.0, San Francisco, CA, March 16 2006.

OpenURL Applications for Contextual Services. Reading 2.0, San Francisco, CA, March 16 2006.
The brave new world of repositories. LACASIST Award Ceremony, UCLA, Los Angeles, CA, February 16 2006.

2005

Lessons in Cross-Repository Interoperability learned from the aDORe effort. CNI Task Force, Fall 2005, December 6 2005, Phoenix, AZ. With Jeroen Bekaert.

The bX Project: Federating and Mining Usage Logs from Linking Servers. CNI Task Force, Fall 2005, December 6 2005, Phoenix, AZ. With Johan Bollen, Oren Beit-Arie.

OAI-PMH for resource harvesting. CERN Workshop on Innovations in Scholarly Communications (OAI4), Geneva, Switzerland, October 20 2005. With Michael Nelson.

A framework for assessing impact of units of scholarly communication based on OAI-PMH harvesting of usage information. CERN Workshop on Innovations in Scholarly Communications (OAI4), Geneva, Switzerland, October 20 2005. With Johan Bollen.

Lessons in cross-repository interoperability learned from the aDORe effort. Building the Info Grid, Copenhagen, Denmark, September 26 2005.

Repositories & Interoperability & Standards. AISTI Mini Conference, Santa Fe, NM, May 23 2005.

OAI-PMH for metadata and resource harvesting. Olybris 2005, Kos, Greece, April 19 2005.

Z39.88-2004: The OpenURL Framework for Context-Sensitive Services. Olybris 2005, Kos, Greece, April 19 2005.

Untitled I: Challenges ahead. Keynote at Olybris 2005, Kos, Greece, April 18 2005.

2004

An update from the OAI. CNI Task Force Meeting, Fall 2004, December 7 2004, Portland, OR. With Carl Lagoze, Michael Nelson, Simeon Warner.

mod_oai: metadata harvesting for everyone. Digital Library Federation Forum, Baltimore, MD, October 26 2004. With Michael Nelson, Xiaoming Liu, Aravind Elango.

Dynamic de-duplication of bibliographic data for user services. Digital Library Federation Forum, Baltimore, MD, October 26 2004. With Thorsten Schwander.

Thoughts about tomorrow's scholarly communication system. Keynote at the Current Research Information Systems 2004 Conference, Antwerp, Belgium, May 15 2004.

Federations of Institutional Repositories and Interoperability: Harvesting the Low-Hanging Fruit. CNI/JISC/SURF conference on Institutional Repositories, Amsterdam, The Netherlands, May 11 2004.

Federations of Institutional Repositories and OAI-PMH Harvesting: Beyond Dublin Core. CNI Task Force Meeting, Spring 2004, Alexandria, DC, April 16 2004.

The OAI and OAI-PMH: where to go from here? Keynote at the CERN Workshop on Innovations in Scholarly Communications (OAI3), Geneva, Switzerland, February 12-14 2004. With Carl Lagoze.

Motivation, inspiration and innovation from frustration. Keynote at the VALA 2004 Conference, Melbourne, Australia, February 4 2004.

2003

Digital Library Architecture based on MPEG-21 DIDL, the OAI-PMH, and the OpenURL. CNI Task Force Meeting, Fall 2003, Portland, OR, December 8 2003.

MPEG-21 DIDL, the OAI-PMH, and the OpenURL as building blocks for representing, storing and disseminating complex digital objects. Digital Library Federation Forum, Albuquerque, NM, November 17 2003. With Jeroen Bekaert, Patrick Hochstenbach.

Yesterday's thoughts on (the day after) tomorrow's scholarly communication system. Max Planck Gesellschaft, Berlin, Germany, October 20 2003.

A Post Digital Library Research Agenda. AISTI Miniconference, Santa Fe, NM, September 16 2003.

The OAI Static Repository: a file-based approach to exposing metadata via the OAI-PMH. Digital Library Federation Forum, New York, NY, May 16 2003.

The OpenURL Framework: origins, evolution, concepts. NISO OpenURL Workshop, New York, NY, May 13 2003.

How did we get here, and where do we go from here? Keynote at Open Archives Forum Workshop, Berlin, Germany, March 28 2003.

The OAI protocol for metadata harvesting. The Association of American Publishers, Smart Content: New ways to add value Workshop, Washington, DC, February 5 2003.

2002

The OpenURL Standard. CNI Task Force Meeting, Fall 2002, San Antonio, TX, December 5 2002. With Tony Hammond, Eric Van de Velde.

The OAI and a disaggregated system for Scholarly Communication. Keynote at the Ethical Forum on Scholarly Communication, University Foundation, Brussels, Belgium, October 20 2002.

The OAI and a disaggregated system for Scholarly Communication. Keynote at the conference Open Archives for Research, Ghent, Belgium, October 15th 2002.

Update from the OAI. Keynote at the CERN Workshop on Innovations in Scholarly Communications (OAI2), Geneva, Switzerland, October 17 2002.

The OAI-PMH and the OpenURL: original motivation, direction, future. Keynote at the Dublin Core Metadata Initiative Conference, Florence, Italy, October 14 2002.

OAI: Open Archives Initiative. Workshop on "Reclaiming academic output" organized by the Dutch Library Federation UKB, May 16 2002.

A New Harvest: Revealing Hidden Resources With the Open Archives Metadata Harvesting Protocol. Keynote for the OCLC Steering by Standards Satellite Broadcast session on the OAI. Dublin, OH, March 26 2002.

2001

The Open Archives Initiative. Digital Library Federation Forum, Chicago, IL, November 18 2001.

Systems for scholarly communication and the role of technology (part of report on Geneva workshop). LIBER conference, British Library, London, UK, July 4 2001.

The OpenURL Framework for the Context-sensitive Provision of Service Links. Emory University, Atlanta, GA, June 11 2001.

OAI protocol & scholarly communication. IATUL conference. Delft, The Netherlands, May 29 2001.

The OpenURL framework & SFX. Littleton Seminar. NCSU, Raleigh, NC, April 18 2001.

The OpenURL framework & SFX. Sun Microsystems ERC 2001. San Francisco, CA, March 28 2001.

Overview of the OAI metadata harvesting specifications. Keynote at the CERN Workshop on the Open Archives Initiative and Peer Review journals in Europe (OAI1), Geneva, Switzerland, March 22-23 2001.

Untitled, thoughts on scholarly communication. Cornell Library Council. Ithaca, NY, March 1 2001.

The OAI: Overview and historical context. OAI Open Meeting. Washington, DC, January 23 2001. With Carl Lagoze.

2000

The roof is on fire. Keynote at the CNI Task Force Meeting, Fall 2000, San Antonio, Texas, December 7-8 2000.

The Open Archives Initiative. Digital Library Federation Forum, Chicago, IL, November 18 2000.

Untitled, thoughts on scholarly communication. ASIS 2000, Digital Libraries and their Role in Knowledge Dissemination and Creation, Chicago, IL, November 13-16 2000.

The SFX framework, the OpenURL and the Open Archives Initiative. SLA Global 2000 conference, Brighton, UK, October 18 2000.

Interconnecting distributed scholarly information resources in a context sensitive manner. Access 2000 conference, St. John's, Newfoundland, Canada, September 20-22 2000.

Global Information Flows and the Open Archives Initiative. OCLC Users Council Meeting, Dublin, OH, May 21 2000.

Universities and electronic publishing. Dutch Universities and the communication of scholarly information in the 21st century, 's Hertogenbosch, The Netherlands, May 18 2000.

An open linking framework based on the DOI reference linking initiative. ICOLC, Orlando, Florida, April 2000.

The SFX framework for context-sensitive linking. CNI Task Force Meeting, Spring 2000, Washington, DC, March 27-28 2000.

1999

Towards interoperable archives: the Universal Preprint Service initiative. Interconnection 2000, Stellenbosch University, Stellenbosch, South Africa, November 1-2 1999.

Connecting distributed information services via SFX linking: the Gent & Los Alamos experiment. Interconnection 2000, Stellenbosch University, Stellenbosch, South Africa, November 2 1999.

SFX: een dynamische open linking service. Informatie 99, Brussels Belgium, September 17 1999. *{translated title: 'SFX: a dynamic open linking service}'.*

De wetenschappelijke bibliotheek en de communicatie van wetenschappelijke informatie in een digitale omgeving. Keynote at Informatie 99, Brussels Belgium, September 17 1999. *{translated title: 'The research library and the communication of scientific information in a digital environment}'.*

The Executive Lounge and SFX: two ways to integrate the information environment. LITA conference, ALA 1999 Summer Conference, New Orleans, US, June 26 1999.

1998

The hybrid information environment and our Intranet solution to access it. Caslin 98 meeting, Tatras Mountains, Slovak Republic, Spring 1998.

The hybrid information environment and our Intranet solution to access it. Informatie 98, Brussels, Belgium, September 1998.

An architecture for the creation of hybrid library services. Hybrid Library Symposium, Stellenbosch University, Stellenbosch, South Africa, May 1998.

1997

The hybrid information environment and our Intranet solution to access it. South African Online Information Meeting, Midrand, South Africa, 12-13 June 1997.

The hybrid information environment and our Intranet solution to access it. Aleph User Group Meeting, Aalborg, Denmark, August 1997.

1996

The Union Catalogue of Belgian Research Libraries is ERL compliant. SilverPlatter Partner meeting, London, UK, December 1996.

Delivering Contemporary Library Services in an Academic Environment. Eusidic Annual Conference, Bologna, Italy, October 1996.

1995

The changing library environment and the tools to choose. Microlib 95 conference, Lisbon, Portugal, May 23-25 1995.