

Publication List

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For preprints and library links see <http://www.schich.info>.
December 20, 2009 version

Book:

Rezeption und Tradierung als Komplexes Netzwerk. Der CENSUS und visuelle Dokumente zu den Thermen in Rom. (Diss. HU-Berlin, May 2, 2007) Munich: Verlag Biering & Brinkmann 2009. ISBN: 978-3-930609-56-7, URN: urn:nbn:de:bsz:16-artdok-7002

Articles:

Revealing Matrices. in: Beautiful Visualization. Looking at Data through the Eyes of Experts. Sebastopol: O'Reilly 2010.

(with Albert-László Barabási) *Human activity – from the Renaissance to the 21st century.* in: Perelló, Josep; Alsina, Pau (ed.): Cultures of Change. Exhibition Catalogue, Barcelona: Arts Santa Monica 2009-2010.

(with Sibylle Ebert-Schifferer) *Bildkonstruktionen bei Annibale Carracci und Caravaggio: Analyse von kunstwissenschaftlichen Datenbanken mit Hilfe skalierbarer Bildmatrizen.* Project report. Rome: Bibliotheca Hertziana (Max-Planck-Institute for Art History) 2009. URL: <http://tinyurl.com/biblhertz-bildmatrix-2008>, URN: urn:nbn:de:bsz:16-artdok-7121

(with César Hidalgo, Sune Lehmann and Juyong Park) *The Network of Subject Co-Popularity in Classical Archaeology.* To appear in the first issue of Bolletino di Archaeologia On-line 2009. Preprint-URN: urn:nbn:de:bsz:16-artdok-7151

(with Sune Lehmann and Juyong Park) *Dissecting the Canon: Visual Subject Co-Popularity Networks in Art Research.* 5th European Conference on Complex Systems, Jerusalem (online material), September 3, 2008. URL: <http://www.jeruccs2008.org/node/114> URN: urn:nbn:de:bsz:16-artdok-7111

(with Steffen Krämer) *How Simple Life Deconstructs Utopia* in: Stephan Doesinger (ed.): Space Between People. How the Virtual Changes Physical Architecture. Munich: Prestel 2008 pp. 30-45. ISBN: 3-791339-91-5, URL: <http://www.spacebetweenpeople.com> URN: urn:nbn:de:bsz:16-artdok-7102

Caracalla-Thermen. in: Christina Strunck (ed.): Rom. Meisterwerke der Baukunst von der Antike bis heute. Festgabe für Elisabeth Kieven. Petersberg: Michael Imhof Verlag 2007 pp. 58-61. ISBN: 3-865681-86-7

L'immagine delle Terme di Traiano nel Codice Destailleur e in altre vedute d'epoca. in: La Rocca, Eugenio (ed.): Scavi nelle terme di traiano. Bulletin della Commissione archeologica comunale di Roma. Supplementum 2008. (in print, preprint online). URN: urn:nbn:de:bsz:16-artdok-7097

Terme e basilica di Massenzio. in: Fiore, Francesco Paolo (ed.): La Roma di Leon Battista Alberti. Umanisti, architetti e artisti alla scoperta dell'antico nella città del Quattrocento. Exhibition Catalogue, Rome 2005 pp. 274-281. ISBN: 8-876243-94-1

Reviews:

Comment: *Re: Q: digital image databases. [Fundamental thoughts from a researcher's point of view].* in: H-Arthist Mailing-List, March 22, 2005. URL: <http://tinyurl.com/20050522-H-Arthist>

Conference Review: *Datenbanken in den Geisteswissenschaften. Arbeitsgespräch in der Bibliotheca Hertziana, Rom, 18. Juli 2003.* in: H-SOZ-U-KULT, September 10, 2003. URL: <http://tinyurl.com/20030910-H-SOZ-U-KULT>

Book Review: *Anna Schreurs: Antikenbild und Kunstanschauungen des neapolitanischen Malers, Architekten und Antiquars Pirro Ligorio (1513-1583).* Köln 2000 in: Kunstform 2 (2001) No. 02. URL: <http://tinyurl.com/Kunstform-2-2001-2>

Patent Pending:

Method producing scalable image matrices. PCT/EP2007/006900, assignee: Max-Planck-Society, priority: August 7, 2006. URL: <http://www.wipo.int/pctdb/en/wo.jsp?wo=2008017430>, MPI technology offer: <http://tinyurl.com/29rb9l> >

Databases:

THERMAE. Visual Documents on the Imperial Baths in Rome. URL: <http://thermae.schich.info> (in preparation)

(with Vinzenz Brinkmann, Ulrike Wurnig et al.) *The Electronic Inventory of the Glyptothek in Munich.* DVD Munich 1996-2002.

Manuals:

Numerous public and internal manuals for Projekt Dyabola in English and German:

Among others the general *Dyabola User Manual* (2001) and (with Vinzenz Brinkmann) the manuals for the *CENSUS (1999)*, the *Winckelmann-Database (2000)* and the *Subject Catalogues of Publications on the Ancient World (Deutsches Archäologisches Institut) (2001)*. URL: <http://www.dyabola.de/en/manual/manual.htm>

Posters:

(with César Hidalgo, Sune Lehmann and Juyong Park) *The Network of Subject Co-Popularity in Classical Archaeology.* Poster presented at the 17th International Congress of Classical Archaeology, Palazzo della FAO, Rome, September 22-26, 2008.

(with Sune Lehmann and Juyong Park) *Dissecting the Canon: Visual Subject Co-Popularity Networks in Art Research.* Poster presented at International Workshop on Challenges and Visions in the Social Sciences, Semper's lecture hall of ETH Zurich, Switzerland, August 18-23, 2008.

[winner of Best Poster Award]

Talks:

Trying to Understand the Coral Reef of Culture. A Sci-Foo09 session including an introductory talk and a podium style discussion with Martin Kemp and Brian Uzzi. Science Foo Camp 2009, Googleplex, Mountain View, California, July 10-12, 2009.

Evaluating Cultural Heritage Databases Using Degree Matrices. Contributed talk at ,NetSci09 International Workshop and Conference on Complex Networks and their Applications', Istituto Veneto Science Lettere ed Arti, Venice, June 29 - July 3, 2009.

Artifact Networks. Invited talk at NetHum09, Chiesa di S. Vidal, Venice, July 2, 2009.

Complex Networks in Archaeology. Lecture at the 37th Annual International Conference on Computer Applications and Quantitative Methods in Archeology (CAA), Williamsburg/VA, March 26, 2009.

On the Anatomy of Canon and Co-Popularity - Complex Network Structures in Art Research. Lecture at Università degli Studi "La Sapienza", organized by Guido Caldarelli and Vittorio Loreto, Rome, October 29, 2008.

Zur Anatomie von Kanon und Co-Popularität - Antike Skulpturen in der Renaissance sowie Bildkonstruktionen bei Annibale Carracci und Caravaggio. Lecture at Bibliotheca Hertziana (Max-Planck-Institute for Art History), Rome, October 27, 2008.

(with Sune Lehmann and Juyong Park) *Dissecting the Canon: Visual Subject Co-Popularity Networks in Art Research.* Long Oral Presentation at the ,5th European Conference on Complex Systems', Hebrew University, Jerusalem, Israel, September 12-19, 2008.

(with Sune Lehmann) *Generating 2-Dimensional Overviews from a Bi-Partite Classification of Images.* Contributed Talk at ,NetSci'08 - International Workshop and Conference on Complex Networks and their Applications', Norwich Bioscience Institutes, Norwich, UK, June 23-27, 2008.

Palladio's Imperial Roman Baths as a Central Node in the Complex Network of Visual Citation. Lecture at the ,Society of Architectural Historians 61st Annual Meeting', Cincinnati, Ohio, April 23-27, 2008.

[awarded with the SAH Annual Meeting Fellowship of the Samuel H. Kress Foundation]

Adding Art Research Data to the Giant Global Graph. Presentation at the ,Cambridge Semantic Web Gathering' (organized by Tim Berners-Lee), Stata Center, MIT, Cambridge/MA, April 8, 2008.

Implementing the CIDOC CRM in Metaweb's Freebase.com. Presentation at the ,15th FRBR - CIDOC CRM Harmonization Meeting', Germanisches Nationalmuseum, Nürnberg, December 4-7, 2007

Integrating 'very old' sources with modern research. Lecture at the ,International Congress [on] Cultural Heritage und New Technologies: Workshop 12: Archaeology & Computers, Workshop 1: Publishing „old“ excavations with new technologies Part 3', Stadtarchäologie Vienna, November 5-7, 2007.

Sample und Remix in Kopie und Rekonstruktion. Lecture at the international congress ,The Originality of Copies. Copies as Produces and Media of the Transformations of Antiquity', SFB 644 Transformationen der Antike, Humboldt-Universität zu Berlin, November 2-3, 2007.

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The Network of (Antique) Reception: Evolution, Self-Similarity and Transmission. Lecture at ‚Dynamics On and Of Complex Networks‘, Satellite Workshop of the 14th European Conference on Complex Systems‘, Dresden, October 1-5, 2007.

Beyond the Paragone: Addressability and Access. Lecture at ‚Archaeology and the Modern World Session 13: Is Invention the Mother of Necessity?‘ at the ‚13th European Association of Archeologists (EAA) Annual Meeting‘, Zadar, Croatia, September 18-23, 2007

Reception and Transmission of Visual Information as Complex Networks. Lecture at the ‚International Workshop on Complex Systems and Networks‘, Transylvanian Summer School Series, Teleki Educational Center, Sovata, Romania, July 15-20, 2007.

Sample and Remix in Building Reconstruction. Lecture at the study day ‚Terme di Caracalla - le ultime ricerche‘, Istituto Storico Austriaco and Soprintendenza Archeologica di Roma, Rome, March 1-2, 2007.

L'immagine delle Terme di Traiano nel Codice Destailleur e in vedute d'epoca. Lecture presented at ‚Giornata di studi: Scavi nelle Terme di Traiano sul Colle Oppio‘, German Archaeologic Institute (DAI), Rome. October 20, 2005.

The Functions of the Roman Baths in the 16th Century. Paper presentation at ‚Congresso AISU‘, Università Roma Tre, Rome, June 26, 2004.

Tradierung visueller Information am Beispiel der Kaiserthermen in Rom. CENSUS lecture, Humboldt-Universität zu Berlin, June 22, 2004.

Roman Imperial Baths and the Codex Destailleur. A Big Picture. Lecture presented at the ‚International Study Day on the Codex Destailleur‘, Bibliotheca Hertziana (Max-Planck-Institute for Art History), Rome, April 26, 2004.

Zur visuellen Tradierung der Kaiserthermen. Lecture at Bibliotheca Hertziana (Max-Planck-Institute for Art History), Rome, November 27, 2003.

Die Internetoberfläche von Projekt Dyabola. ‚New Media Workshop‘ lecture, Bibliotheca Hertziana (Max-Planck-Institute for Art History) Rome, July 8, 2002.

Panel Discussion with Ecke Bonk at Sarat Maharaj's seminar ‚Thinking Documenta & Doing Documenta‘, Humboldt-Universität zu Berlin. November 15, 2001.

(with Peter Seiler and Tatjana Bartsch) *The CENSUS of Antique Works of Art and Architecture Known in the Renaissance.* Presentation at the convention ‚Prometheus - Das verteilte digitale Bildarchiv für Forschung und Lehre‘, University of Cologne, September 13, 2001.

The New DYABOLA Web Interface. Presentation at the workshop ‚They Never Covered This in Library School: Basic Resources in Ancient Art and Archeology‘, Art Libraries Society of North America (ARLIS/NA), 28th annual conference, Pittsburgh/PA, March 18, 2000.