

Working places in the MPIWG
Library. Photo: Urs Schoepflin



Knowledge Management at the MPIWG

Urs Schoepflin (Library Head) and *Dirk Wintergrün* (Head of Information Technology)

Introduction

The Library and the Information Technology Group (IT-group) aim to provide optimal access to both electronic and print resources. Their mission is to provide the best possible information services to the research groups of the Institute. They aim to construct an effective infrastructure for research in the history of science by exploiting the potential of new media for scholarly work and for disseminating research results.

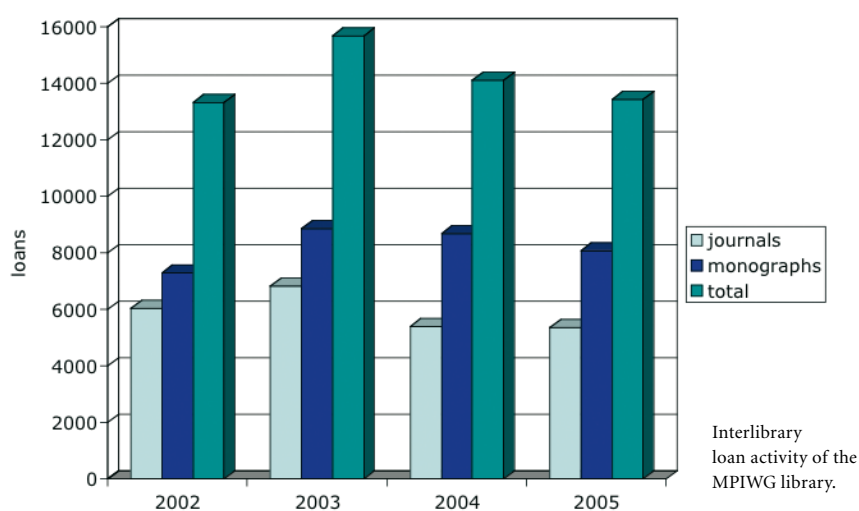
To meet the evolving needs of the research groups at the Institute, particular attention was given to four specific areas:

- 1** the development of the digital research library including the digitization services and the enhancement of content provision by the acquisition of archival materials,
- 2** the implementation of the common IT-infrastructure for publication and research,
- 3** the support of the publication and dissemination of research results by a copyright clearing service and additional publication aids including information on the Max Planck Society's open access policy and the corresponding eDoc server as central repository, and
- 4** the development of new web sites for research projects and the Institute's home page.

There have been recent discussions regarding the restructuring of the work of the IT-group and of the computer department. These emphasized the continuing focus of the IT-group on the content-driven development of innovative methods for research at the Institute, resulting in the integration of both groups into a new information technology unit (with effect from March 2006).

The Library's Collection and Services

The Library collections and services have been substantially developed in the past few years. It currently holds 60,000 volumes in print and 20,000 historic works in microform. Access to electronic resources has been enhanced to include over 18,000 electronic journals and more than 50 full text and reference databases, largely as a result of the "Grundversorgung" of the MPG. Complementing these resources, the interlibrary loan service has been in high demand and has attained a level of 14,000 loans p.a. This particular service priority of the Library allows for rapid document delivery providing books and articles from a wide network of national and international research libraries within days of a scholar's request.



Building a Common Infrastructure

The establishment of a common infrastructure for using the internet as a research and publication tool has made significant progress as projects of all research departments use the tools developed by the IT-group. The majority of internet projects are now based on a common open-source infrastructure which was developed within the framework of the ECHO initiative (European Cultural Heritage Online), integrating major research projects of the MPIWG, in particular the Virtual Laboratory and Archimedes (for project descriptions see the sections of the research departments of this report). Based on this integrative infrastructure, the Institute offers one of the largest research-related web sites within the Max Planck Society. The procedures developed in order to maintain this service have become a model for the design of the MPG wide platform for scholarly work in the humanities (Scholarly Workbench) in the framework of the eSciDoc Project, a project financed by the Federal Ministry of Research and Education and jointly realized by the MPG and the FIZ Karlsruhe and in which the MPIWG is a direct cooperation partner. This cooperation is part of the eSciDoc Project's concept to take up, generalize and maintain the successful research driven developments from individual institutes as a long term service to the scholarly community, a role which goes beyond the MPG Institutes' individual missions.

Digital Research Library and Enhanced Access to Content

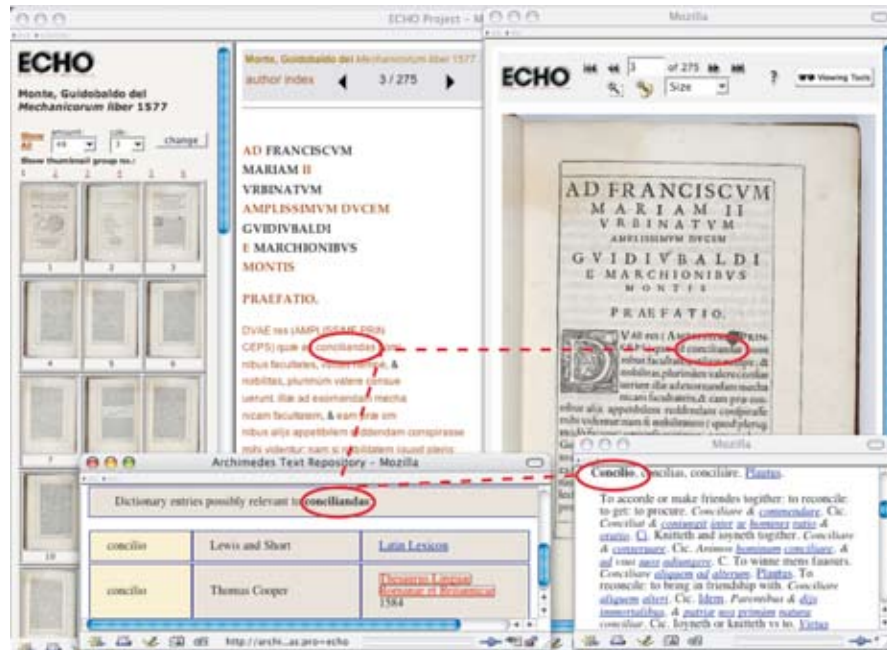
The Library and the IT-group jointly have developed a special program for digitizing and presenting sources in the history of science in high quality color facsimiles from the Library's rare books collection and in greyscale images from the microform archive. All digitized materials are made available in a web-based Digital Research Library. The program includes the establishment of a special digitization group within the Library which is equipped and qualified to digitize material on a high professional standard at a rate of 500,000 pages p. a. The workflow comprises procedures to upload the resulting images to the online presentation environment of the Digital Research Library and to securely archive the master files. The service is designed to flexibly react to new demands in the short term. The program is working closely with the research groups at the Institute who present their research on the Internet and who can immediately integrate the digitized sources in their presentation (Archimedes Project, Virtual Laboratory, Epistemic History of Architecture, History of Mechanical Knowledge in China, Jesuit Sciences, Early Modern Engineering Drawings, Vision Project, Virtual Einstein Exhibition).

The Library has furthermore acquired and made available archival materials as major new research resources. The acquisition and digitization of the papers of the late German Physicist Ernst Gehrcke (1878–1960) allows for searchable electronic access to the entire collection of Gehrcke's papers and digitized newspaper clippings and thus represents an innovative model on how to make archival materials immediately accessible to the research groups at the Institute and also to a larger public at the Einstein Exhibition. The current acquisition and digitization of the complete microfilms of the Archive for the History of Quantum Physics will allow for web-based finding aids and for full electronic access to the materials of the archive. It will constitute a decisive scholarly resource for the newly established project group on the history of quantum physics. A further project on a novel image repository for the history of science is under way which will offer a searchable digital repository of images and illustrations pertinent to history of science.

This expansion of the scope of the Digital Research Library was in part made possible by additional funding from the special Library Program of the MPG aimed at innovative projects to enhance information provision at the institutes of the Humanities Section, for which the Library has successfully applied.

Basic Modules for Research Related Sites

The main focus of IT-development at the Institute is currently on tools for publishing primary sources and providing semantic access to these resources. Several research web sites, jointly maintained by the projects and the IT-group, give access to material relevant to their research.



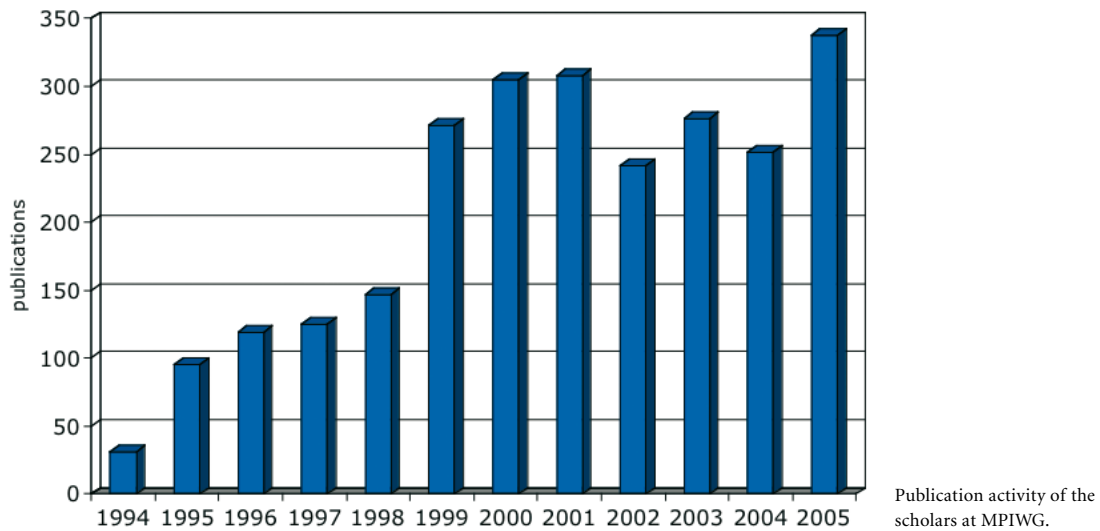
Basic infrastructure:
environment for scholarly work.

The challenge is to provide a flexible infrastructure for a wide range of different purposes, covering e. g. integrated research libraries, image oriented documentation projects, or virtual exhibitions. The solution to these challenges is a modular structure in which the elements can be flexibly combined to new thematic web sites with only little additional work and a minimum of training for the scholars involved. The developed modules provide

- 1 an easy workflow to add new digitized material to the digital library,
- 2 a highly flexible image viewing environment,
- 3 a web based environment for the creation of electronic collections,
- 4 natural language technologies for the analysis of text written in a broad variety of languages,
- 5 an interface for integration of databases, and
- 6 tools for the design of textual and graphical navigation environments.

Support of the Scholarly Publication and Dissemination Process

To give authors adequate support in dealing with copyright issues, transfer agreements and publisher contracts, the Library has established a copyright clearing service and offers advice to authors on publisher contracts and copyright transfer agreements.



Following the open access policy adopted by the Max Planck Society to make available as many research results on the Internet as possible, the Library is responsible for uploading the Institute's bibliography and publication output (metadata and documents) to the MPG's central electronic repository for the documented research output of all institutes, the eDoc server. On this server, the searchable bibliographic data and—depending on the individual authors' agreements—the full text of the research results, presentations etc. are made available for either internal or open use.

To increase the acceptance of electronic publications particularly in the humanities, the publication process has to be as easy as possible and the added value has to be immediate for the researcher. Therefore, the tools to publish comprehensive documents comparable to a classical monograph will have to be improved and the possibility to set stable links to sources are on the agenda. One of the main perspectives for future developments at the Institute is the integration of the publications tools into an environment available at every work place, accompanied by improved access tools to existing electronic resources and environments for collaborative work.

Web Sites of the Institute

Web presentations became an integrated part of research in a different projects. These research web sites are jointly maintained by the researchers and the IT group, give access to material relevant to their research interests and are part of their dissemination strategies of research results. Currently, 9 research sites are available online (The Virtual Laboratory, European Cultural Heritage Online, Vision-Project, Humboldt Project, Einstein's Papers in the Annals of Physics, The Virtual Einstein Exhibition, the Cuneiform Digital Library Initiative (CDLI), Archimedes, Database of Mechanical Drawings) and 5 additional sites (Islamic Scientific Manuscripts, Encyclopaedia of Life Sciences, History of Quantum Physics) are in preparation.

Parallel to the development of research oriented sites, the main web site of the Institute was completely redesigned. It offers now a comprehensive description of all current research projects at the Institute. The content of the project descriptions, of the personal home pages, and of the conference pages can be updated by the scholars themselves through a specially developed web interface. Conference papers can be exchanged among participants as part of a collaborative working environment currently under development.

The institute provides on its external and internal web sites in total approx. 1,500,000 digital items, i. e. images, movies, full text and database entries.

Collaboration and Outreach

The Library and the IT-group were involved in several collaborative projects. The foremost two aims of cooperating with research and cultural institutions is on the one hand the sharing of rare and manuscript materials to enhance access to these resources for research purposes and on the other hand transfer of skills by sharing the expertise in maintaining digital projects to make these resources available on the internet. At MPG level, the ongoing cooperation with both the Bibliotheca Hertziana—MPI for Art History in Rome and with the Art History Institute—MPI in Florence is particularly relevant in these respects. Other important international cooperative projects include the Humboldt Project in Tenerife (Canary Islands) and the MPIWG's partner group at the Institute for the History Natural Sciences at the Chinese Academy of the Sciences in Beijing.

Possible new collaboration is explored in the framework of a delegation of the Humanities Section of the MPG visiting Ulan Bataar (Mongolia), where institutions holding cultural heritage were visited.

Finally, the Library and the IT-group were actively involved in discussions on the concept of the newly-founded Max Planck Digital Library (MPDL), which will consolidate the central information management services of the MPG and host the eSciDoc infrastructure project, to which the MPIWG information services provided by the Library and the IT-group form a model counterpart at the level of the MPG Institutes. The strategic cooperation with the MPDL will provide the necessary support for further generalizing and maintaining the services developed at the Institute, integrate new services and secure long term availability and archiving of the scholarly results in a reliable environment so crucial to research.

Overviews

Research Scholars

Beurton, Peter (Dr. rer. nat. 1973 [biology], Dipl. 1977 [philosophy] Humboldt-Universität zu Berlin, habil. phil. 1987 [philosophy] Universität Potsdam), at the Institute since September 1994. Area of work: Research strategies in biological evolutionary theory; modern darwinism and the philosophy of science.

Bigg, Charlotte (Ph.D. 2002 [history and philosophy of science] University of Cambridge), at the Institute since July 2005. Area of work: Social and cultural history of the physical sciences (physics, chemistry, astronomy) in the 19th and 20th centuries, especially the history of optical instrumentation.

Bödeker, Katja (Dipl. 1998 [psychology], Dr. des. 2004 [psychology] Freie Universität Berlin), at the institute since 1999. Area of work: Cognitive development; concept formation and culture; cognitive anthropology. Einstein exhibition project: Simple Einstein.

Brandt, Christina (Dr. rer. nat. 2002 [history of science] Technische Universität Braunschweig), at the Institute as research scholar since June 2003. Area of work: On the history of cloning: A comparative analysis of biomedical research in Germany from 1950 to 2000.

Bührig, Claudia (Dipl.-Ing. 1991 [architecture] Universität Hannover, Dr. des. 2002 [architecture] Brandenburgische Technische Universität), at the Institute from November 2002 to May 2005. Area of work: Epistemic history of architecture.

Büttner, Jochen (Dipl. 1987 [physics] Freie Universität Berlin) at the Institute since 1988. Area of work: History of early modern mechanics.

Castagnetti, Giuseppe ([philosophy and history] University of Milano), at the Institute from October 1997 to September 2002 and since April 2003. Area of work: History of institutions of physics in the 20th century; political and social context of Albert Einstein's activities in Berlin. Einstein exhibition project.

Casties, Robert (Dipl. 1998 [physics] Universität Hamburg, Dr. phil. nat. 2002 [history and philosophy of science] Universität Bern), at the Institute since January 2002. Area of work: Information technology project.

Damerow, Peter (Dr. 1977 [mathematics] Universität Bielefeld, habil. 1994 [philosophy] Universität Konstanz), at the Institute since January 1997. Area of work: History of science and education; individual and historical development of cognition; genesis of writing and arithmetic; history of mathematics and physics in ancient and early modern period. Einstein exhibition project.

Daston, Lorraine (A.B. 1973 Harvard University, Dipl. 1974 University of Cambridge, Ph.D. 1979 [history of science] Harvard University), at the Institute since July 1995. Area of work: History of probability theory and statistics; history of scientific objectivity; attention and observation in natural history, 16th–19th cs.

Dierig, Sven (Dipl. 1990 [biology], Dr. rer. nat 1995 [neurobiology] Universität Konstanz, habil. 2005 [history of science] Technische Universität Berlin), at the Institute since July 1997. Area of work: Urbanization, industrialization, and the place of experiment in 19th century physiology; the virtual laboratory.

Feest, Uljana (M.A. 1994 [psychology] Goethe-Universität, Frankfurt/M.; Ph.D. 2003 [history and philosophy of science] University of Pittsburgh), at the Institute as Research Scholar since October 2004. Area of work: History and philosophy of scientific experimentation, especially psychology; history of the philosophy of science; relationship between the emergence of Gestalt psychology and logical positivism.

Fend, Mechthild (M.A. 1988 Universität Hamburg, Dr. phil. 1998 [art history] Goethe-Universität Frankfurt/M.), at the Institute from September 2001 to August 2005. Area of work: History and representation of skin in 18th and 19th century France.

Fuchs, Brian (B.A. 1979, M.Phil. 1983 [classics] Yale University), at the Institute since November 1999. Area of work: Project "Archimedes".

Geimer, Peter (Ph.D. [art history] Phillips Universität Marburg), at the Institute from March 2001 to March 2004. Area of work: Epistemology and aesthetics of graphical and photographic recordings (around 1900).

Heesen, Anke te (Dipl. 1990 [cult. pedagogy] Universität Hildesheim, Dr. phil. 1995 [aesthetics und communication] Universität Oldenburg), at the Institute since October 1999. Area of work: History of (natural history-) collections and exhibitions (18th to 20th Century); note-taking-practices of scientists; newspaper clippings and their status as information and visual fragment in the sciences and arts around 1900.

Hoffmann, Christoph (Dr. phil. 1995 [German literature], habil. 2004 [German literature] Europa Universität Viadrina Frankfurt (Oder), at the Institute since November 2004. Area of work: History of observation and experiment; technologies of representation; sensory physiology (19th and early 20th century); epistemic writings.

Hoffmann, Dieter (Dipl. 1972 [physics], Dr. phil. 1976 Humboldt-Universität zu Berlin, Dr. habil. 1989 [history of science] Humboldt-Universität zu Berlin, apl. Prof. 2003 Humboldt-Universität zu Berlin), at the Institute since December 1995. Area of work: History of physics in the 19th and 20th centuries, esp. institutional history of quantum theory and modern metrology; history of science in the GDR. Einstein exhibition project.

Hyman, Malcolm (Ph.D. 2002 [classical philology] Brown University), at the Institute since August 2004. Area of work: History of the language sciences; development of scientific terminology; science in Greek and Roman antiquity; linguistic computing; information architecture. Area of work: Project “Archimedes”.

Kant, Horst (Dipl. 1969 [physics], Dr. rer. pol. 1973 [history & philosophy of science] Humboldt-Universität zu Berlin), at the Institute since October 1995. Area of work: History of physics in the 19th and 20th centuries (esp. atomic physics and institutional and social aspects).

Kern, Hartmut (M.A. 1988 [philosophy] Freie Universität Berlin), at the Institute since December 2001. Area of work: Information technology project.

Kleeberg, Bernhard (Dr. phil. 2002 [history] Universität Konstanz), at the Institute since September 2003. Area of work: 19th and 20th century political economy, evolutionary theory and anthropology, natural philosophy and theology, aesthetics of nature.

Klein, Ursula (Dr. phil. 1993, habil. 2000 [philosophy] Universität Konstanz), at the Institute from July 1995 to August 1997 and since July 1998. Area of work: History and philosophy of the laboratory sciences; history of technoscience; classification and historical ontology.

Kurapkat, Dietmar (Dipl.-Ing. 1998 [architecture] Technische Universität Karlsruhe), at the Institute since Oktober 2005. Area of work: Epistemic History of Architecture in connection with the archaeology of the Near East (especially the neolithic and early historic periods).

Kursell, Julia (Dr. phil. 2000 [Russian philology] Ludwig-Maximilians-Universität München), at the Institute since April 2004. Area of work: 20th century music and sound art; physiology and psychology of hearing (19th and 20th centuries).

Lefèvre, Wolfgang (Dr. phil. 1971 [philosophy], habil. 1977 [philosophy in connection with history of science] Freie Universität Berlin, apl. Professor [philosophy] Freie Universität Berlin), at the Institute since July 1994. Area of work: History of science in connection with history of philosophy on the basis of social history; sciences in Greek antiquity; early modern physics and chemistry; history of biology (15th–18th centuries).

Lehner, Christoph (Dipl.-Phys. 1989 Universität München, Ph.D. [philosophy of science] 1997 Stanford University), at the Institute since January 2004. Area of work: History of modern physics, philosophy of physics, history of modern philosophy. Einstein exhibition project.

Lund, Hannah Lotte (M.A. 1999 [history/literature] Humboldt-Universität zu Berlin), at the institute as coordinator at the network “history of scientific objects” since 2005. Area of work: Intellectual (women’s) history; 18th century European cultural history.

Maroldt, Jean (ingénieur [electronics and nuclear physics] ENSEM, Nancy, Ph.D. [applied mathematics] Université Henri Poincaré, Nancy), at the Institute as research scholar from May 2002 to April 2004. Area of work: Project “ECHO”.

Müller-Wille, Staffan (Dipl. 1992 [palaeontology] Freie Universität Berlin, Dr. 1997 [philosophy] Universität Bielefeld), at the Institute from December 2000 to September 2004. Area of work: The structural turn in genetics and anthropology 1880–1950.

Neffe, Jürgen (Dr. rer. nat. 1985 [biochemistry] RWTH Aachen, at the Institute from August 2002 to June 2004. Area of work: Life and work of Albert Einstein; Life and work of Charles Darwin; theory of evolution; Open Access; European Cultural Heritage Online (ECHO).

Oertzen, Christine von (Dr. phil. 1998 [history] Freie Universität Berlin), at the Institute since June 2005. Areas of work: Academic organisations, networks, and biographies; science and gender in connection with social and cultural history, history of academic cultures in Europe and the United States, 19th and 20th centuries.

Pietsch, Annik (Diplom 1988 [biochemistry] Freie Universität Berlin, B. A. 1990 [history of art] Technische Universität Berlin), at the Institute since July 1999. Area of work: Binding media. Painting techniques in art, science, and industry in 18th and 19th century Germany.

Presas i Puig, Albert (Dr. phil. 1995 [history of science] Technische Universität Berlin), at the Institute January and February 2003 and since May 2003. Area of work: Scientific relationship between Germany and Spain: Science, technological transfer, and international policy in the 20th century.

Renn, Jürgen (Dipl. 1983 [physics] Freie Universität Berlin, Dr. rer. nat. 1987 [mathematics] Technische Universität Berlin), at the Institute since March 1994. Area of work: History of early modern mechanics, history of relativity theory; interaction between cognitive and contextual factors in the history of science. Einstein exhibition project (Scientific Director).

Rheinberger, Hans-Jörg (M.A. 1973 [philosophy], Dipl. 1979 [biology], Dr. rer. nat. 1982, habil. 1987 [molecular biology] Freie Universität Berlin), at the Institute since January 1997. Area of work: Epistemology of experimentation.

Rieger, Simone (M.A. 1998 [linguistics and philosophy] Technische Universität Berlin), at the Institute since February 1999. Area of work: Project “ECHO”.

Schemmel, Matthias (Dipl. 1997 [physics], Universität Hamburg), at the Institute since January 1998. Area of work: History of relativity theory, history of early modern mechanics, history of Chinese science.

Schmidgen, Henning (Dipl. 1990 [psychology], Dr. phil. 1996 [psychology], M.A. 1997 [philosophy] Freie Universität Berlin), at the Institute from March 1997 to August 2005. Area of work: Machines and bodies without organs in the history of science.

Schnöpf, Markus (M.A. 2001 [history, history of medicine] Freie Universität Berlin), at the Institute as research scholar from July 2001 to February 2005. Area of work: Project “Archimedes”, Projecto Humboldt.

Schoepflin, Urs (Dipl. 1975 [sociology] Freie Universität Berlin), at the Institute as director of the library since September 1994. Area of work: Scientific information systems; scholarly communication; sociology and history of science; scientometrics; digital libraries; open access.

Schüller, Volkmar (Dr. rer. nat. 1972 [physics] Universität Greifswald); at the Institute since September 1994. Area of work: History of mathematics and physics (16th and 17th centuries).

Sibum, H. Otto (Dr. rer. nat. 1989 [physics] Carl von Ossietzky Universität Oldenburg; habil. 2001 [history of science and technology] Technische Universität Carolo-Wilhelmina zu Braunschweig), at the Institute since October 1995. Area of work: History of the physical sciences (17th until 20th century), particularly history of experience and experiment, embodiment of knowledge, material culture of science, precision measurement.

Steinle, Friedrich (Dipl. 1982 [physics], Dr. rer. nat. 1990 [history of science] Universität Tübingen, Privatdozent 2000 [history and philosophy of science] Technische Universität Berlin), at the Institute from October 1997 to March 1998 and from August 1999 to August 2004. Area of work: Experiment and concept formation—Charles Dufay and the two electricities.

Valleriani, Matteo (Laurea 1990 [philosophy]), at the Institute since July 1998. Area of work: Galileo as an Engineer. Einstein exhibition project: Knowledge and conception of the world.

Vidal, Fernando (A.B. 1981 Harvard University; M.A. 1984 [psychology] University of Geneva; M.A. 1986 [history and philosophy of science] University of Paris I – Sorbonne; Ph.D. 1988 University of Geneva; Habilitation 2001 Ecole des Hautes Etudes en Science Sociales), at the Institute as research scholar since September 2000. Area of work: History of psychology and anthropology, 16th–20th centuries; the self and the body in the Christian tradition; historicizing “brainhood” (the self as brain); miracles as epistemic things.

Vogt, Annette (Diplom 1975, Dr. rer. nat. 1986 [mathematics] Karl-Marx-Universität Leipzig), at the Institute since September 1994. Area of work: Women in science from a European perspective, between 1900 and 1945; case studies on women in science at the Berlin University and in the Kaiser-Wilhelm-Gesellschaft.

Wazeck, Milena (Dipl. 2001 [political science] Freie Universität Berlin), at the Institut since June 2000. Area of work: Amateur science around 1900, public reception of relativity; amateur scientists’ opposition to the theory of relativity in the early 20th century; Einstein exhibition project.

Wilder, Kelley E. (D.Phil. 2003 [history of art] Oxford University), at the Institute since 1 September 2005. Area of work: History of photography; Imaging in the Sciences.

Wintergrün, Dirk (Dipl. 1998 [physics] Technische Universität Berlin), at the Institute since January 2000. Area of work: Information technology project.

Visiting Scholars and Research Fellows

Dr. Oscar Joao Abdounur (Visiting Scholar, Universidade de Sao Paulo, Sao Paulo, Brazil, February 8–March 5, July 13–August 8, 2004, February 8–March 6, June 25–August 7, 2005, and December 10, 2005–January 6, 2006): The relationship between mathematics and music in the history of science.

Dr. Tara Abraham (Postdoctoral Research Fellow, October 1, 2002–June 30, 2004): Theoretical methods in studies of the nervous system, 1930–1950.

Prof. Dr. Gadi Algazi (Visiting Scholar, Tel Aviv University, Israel, July 15–August 31, 2004 and July 15–August 31, 2005): Making invisible movement visible: Norbert Elias' motion picture.

Dr. des. Jan Altmann (Postdoctoral Research Fellow, May 15–July 14, 2005 and September 1, 2005–August 31, 2006): Drawing as a technique of scientific observation.
Nancy Anderson (Rathenau Postdoctoral Research Fellow, October 1, 2002–September 30, 2004): Electronic imaging and cell biology, 1945–1995.

Prof. Dr. Bernard Andrieu (Visiting Scholar, Archives Poincaré UMR 7117 Centre National de la Recherche Scientifique/Université Nancy 2, France, July 1–July 31, 2005): Project: Knowledge and Belief.

Dr. Aitor Anduaga (Postdoctoral Research Fellow, Faculty of Modern History, University of Oxford, UK, March 1–June 15, 2005): Ionosphere and Radio Industry in Germany in the Interwar Years.

Prof. Dr. Bethania Assy (Visiting Scholar, Deutscher Akademischer Austauschdienst, Universidade do Estado do Rio de Janeiro, Brazil, June 4–August 4, 2005): Historical investigation on 16th century rational authority of natural human rights based on man inherent attributes.

Dr. David Aubin (Visiting Scholar, Institut de mathématiques de Jussieu, Université Paris 6, France, August 9–September 19, 2004): Fluid mechanics, war, and cinema in France 1900–1920.

Dr. Safia Azzouni (Postdoctoral Research Fellow, October 1, 2004–September 30, 2006): The popular science book: A new genre between literature and science in the late 19th and early 20th century.

Dr. Monika Baár (Postdoctoral Research Fellow, September 1, 2003–August 31, 2005): Nationalism and nineteenth-century historiography in Europe (Project: Knowledge and Belief).

Dr. Massimiliano Badino (Visiting Scholar, Dipartimento di Filosofia, Università degli Studi di Genova, Italy, June 1, 2005–May 31, 2006): Thermodynamics and statistical mechanics from Boltzmann to Planck.

Dr. Angela Bandinelli (Postdoctoral Research Fellow, Istituto e Museo di Storia della Scienza, Università degli Studi di Firenze, Italy, May 1–June 30, 2004): Chemistry of life between the eighteenth and the nineteenth centuries.

Dr. Erik Banks (Visiting Scholar, Fulbright Program, September 15, 2004–July 15, 2005): Space and time in natural philosophy with special emphasis on Bernhard Riemann.

Dr. Antonio Becchi (Postdoctoral Research Fellow, Dipartimento di Scienze per l'Architettura, Università di Genova, Italy, January 1, 2004–December 31, 2005): Epistemic history of architecture.

Naomi Beck (Predoctoral Research Fellow, Université de Paris 1 – Panthéon – Sorbonne, France, October 1, 2004–July 31, 2005): Late 19th century evolutionism: The diffusion and political interpretations of Herbert Spencer's theory in France and Italy (1870–1914).

Prof. Dr. Jenny Beckman (Visiting Scholar, Riksbankens jubileumsfond (The Bank of Sweden Tercentenary Foundation), Avd. för vetenskapshistoria, Uppsala universitet, Sweden, February 1–April 30, 2005): Crossing borders in the kingdoms of nature: Amateurs in science, 1880–2000.

Prof. Dr. Domenico Bertoloni-Meli (Visiting Scholar, Department of the History and Philosophy of Science, Indiana University, Bloomington, USA, April 1–June 30, 2004): History of seventeenth-century mechanics.

Prof. José Ramón Bertomeu-Sánchez (Visiting Scholar, Departament d'Història de la Ciència i Documentació, Facultat de Medicina, Universitat de València, Spain, April 1–August 31, 2004): Instruments, chemistry and crime: Black boxing Marsh's test for arsenic in European toxicology, 1836–1845.

Prof. Dr. David Bloor (Visiting Scholar, Science Studies Unit, University of Edinburgh, UK, October 1, 2003–August 31, 2004): Rival theories of aerofoil, 1904–1926.

Arianna Borrelli (Postdoctoral Research Fellow, September 1, 2005–February 28, 2007): Heat and cold in observations and explanations of natural philosophers and scientists.

Dr. Elena Bougleux (Visiting Scholar, Centro di ricerca sull'Antropologia e l'Epistemologia della complessità, Università degli Studi de Bergamo, Italy, September 15–November 30, 2004): Einstein exhibition project: Einstein's world today.

Prof. Dr. Marie-Noëlle Bourguet (Visiting Scholar, Université de Paris 7, France, October 13, 2003–May 15, 2004, September 11–September 26, 2004 and August 28–September 19, 2005): Alexander von Humboldt's voyage to Italy (Project: Knowledge and Belief).

Prof. Dr. Robert Brain (Visiting Scholar, University of British Columbia, Vancouver, Canada, May 1–May 31, 2005): The pulse of modernism: Experimental physiology and artistic avant-garde ca. 1900.

Dr. Brita Brenna (Postdoctoral Research Fellow, Universitetet i Oslo, Norway, August 15, 2005–January 15, 2006): Nature in an 18th century natural history of Norway: Making common land for god, the king, science, and the public.

Björn Brüsck (Predoctoral Research Fellow, January 1, 2004–December 31, 2006): Experimentalization of gardening in 19th century Germany: Peter Joseph Lenné and the "Gärtner-Lehranstalt" in Wildpark/Potsdam.

Luciana Vieira Caliman (Predoctoral Research Fellow, Deutscher Akademischer Austauschdienst, Instituto de Medicina Social—IMS/VERJ, Laranjeiras, Rio de Janeiro, Brasilien, April 1, 2004–August 31, 2006): The inattentive individual: Contributions to the history of attention.

Prof. Mary Baine Campbell (Visiting Scholar, Brandeis University, Department of English and American Literature, Brandeis University, Waltham, Massachusetts, USA, July 1–August 31, 2004): Theory of dreams in early modern France and England (Project: Knowledge and Belief).

Prof. Dr. Rüdiger Campe (Visiting Scholar, German Department, Johns Hopkins University, Gilman Hall, Baltimore, Maryland, USA, June 16–July 31, 2004): Procedures and techniques of writing and notation in the seventeenth and eighteenth centuries—an archeological project on Lichtenberg's "wastebooks".

Zeynep Celik (Predoctoral Research Fellow, Center for Advanced Study in the Visual Arts (CASVA) Fellowship, Massachusetts Institut of Technology, USA, January 15, 2005–August 31, 2006): Kinaesthetic impulses: Space, performance and the body in German architecture, 1870–1918.

Dr. Soraya de Chadarevian (Visiting Scholar, Department of History and Philosophy of Science, University of Cambridge, UK, October 1, 2004–September 30, 2005): History of radiation biology and genetics after 1945.

Yue Chen (Postdoctoral Research Fellow, Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, June 17–July 10, 2004, September 16–November 15, 2004 and September 26–November 30, 2005): The history of mechanics (Project: Development of mechanical knowledge in China).

Markus Christen (Predoctoral Research Fellow, Institut für Neuroinformatik, Universität/ETH Zürich, Switzerland, December 20, 2004–May 15, 2005): History of neural coding and neural computation.

Dr. Jacob Lebovitch Dahl (Postdoctoral Research Fellow, Centre National de la Recherche Scientifique, Paris, France, October 1, 2005–September 30, 2007): Research within the Framework of the CDLI Project.

Dr. Didier Debaise (Postdoctoral Research Fellow, October 1, 2005–September 30, 2007): Constructing a speculative approach to heredity on the basis of Sonigo's work.

Dr. Emmanuel Didier (Visiting Scholar, Centre de recherche sociologiques sur le droit et les institutions pénales (CESDIP)/Immeuble Edison, Guyancourt, France, March 1–August 31, 2006)

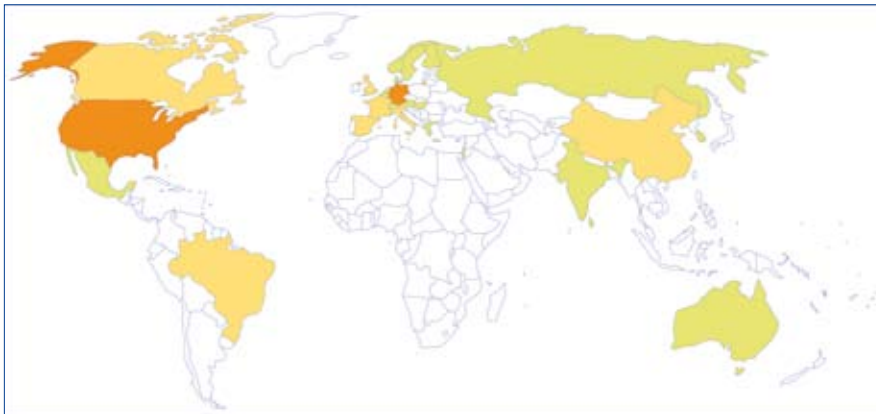
Thomas Dohmen (Predoctoral Research Fellow, University of Haifa, Israel, May 15–November 14, 2005): Context and error in the epistemology of scientific experiment.

Igal Dotan (Postdoctoral Research Fellow, Department of Philosophy, University of Haifa, Israel, November 15, 2004–November 14, 2006): Science in crisis and progress.

Prof. Dr. Circe Mary Silva da Silva Dynnikov (Visiting Scholar, Universidade Federal do Espírito Santo, Vitória, Brazil, September 7–October 6, 2004 and September 20–October 20, 2005): The reception of the theory of relativity in Brazil, Einstein exhibition project.

Dr. Matthew Eddy (Postdoctoral Research Fellow, Dibner Institute for the History of Science and Technology—MIT, Cambridge, Massachusetts, USA, July 1–July 31, 2004): The chemical foundations of the Huttonian debates in enlightenment Edinburgh.

Karen Encarnacion (Predoctoral Research Fellow, Deutscher Akademischer Austauschdienst, October 1, 2002–January 31, 2004): Visual experience in the sixteenth century—anatomy and midwifery texts (Project: Common Languages of Art and Science).



■ 1–5 Scholars
 ■ 5–20 Scholars
 ■ more than 20 Scholars

Prof. Rand B. Evans (Visiting Scholar, East Carolina University, Greenville, USA, January 1–December 31, 2005): Brass instrument psychology: A history of scientific instruments used in psychological research and demonstration, 1840–1940.

Dr. Pasi Falk (Visiting Scholar, Helsinki Collegium for Advanced Studies, University of Helsinki, Finland, January 16– February 15, 2005): Digital truth: The role of digital technology and digital thinking in the production of scientific knowledge.

Prof. Dr. Zaiqing Fang (Visiting Scholar, Chinese Academy of Science, Institute for the History of Natural Sciences, Beijing, China, June 19–July 18, 2004, February 28–March 17, 2005 and September 10–September 19, 2005): Development of mechanical knowledge in China.

Prof. Dr. Rivka Feldhay (Visiting Scholar, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Israel, July 1–July 31, 2004 and October 1, 2005–March 31, 2006): Jesuits on statics, dynamics, mathematics and astronomy between Galileo and Newton.

Philipp Felsch (Predoctoral Research Fellow, VolkswagenStiftung, Humboldt-Universität zu Berlin, February 1, 2002–January 31, 2005): Laboratory landscapes. The alps as medium of physiology around 1900.

Prof. Michel Ferrari (Visiting Scholar, The Ontario Institute for Studies in Education of the University of Toronto, Joint Centre for Bioethics, Department of Human Development and Applied Psychology, Ontario, Canada, February 1–March 31, 2005): History of psychology.

Dr. Dr. Erna Fiorentini (Visiting Scholar, Deutsche Forschungsgemeinschaft/SFB 1957 “Aesthetic Experience and the Dissolution of Artistic Limits”, Institut für Kunstgeschichte, Freie Universität Berlin, Germany, January 1, 2003–December 31, 2006): Protomodern observers and the camera lucida (Project: Common Languages of Art and Science).

Mickaël Fonton (Predoctoral Research Fellow, Équipe REHSEIS, Centre Javelot, Centre National de la Recherche Scientifique/Université Paris 7, France, May 1–May 31, 2004): Laboratory, observatory, and field: the physicists and the construction of a new meteorology. France, Europe 1878–1914.

Paul Forman (Visiting Scholar, National Museum of American History, Smithsonian Institution, Washington, DC, USA, August 8–October 4, 2005): The modern-to-postmodern transition in culture, society, and science, and the putative relation between science and technology as indicative of that transition.

Christian Forstner (Predoctoral Research Fellow, Lehrstuhl für Wissenschaftsgeschichte, Universität Regensburg, Germany, May 1–July 31, 2005): History of physics in the 20th century, esp. quantum mechanics and Cold War, Interpretations of quantum mechanics.

Prof. Maria Cristina Franco Ferraz (Visiting Scholar, Department of Communication, Universidade Federal Fluminense, Rio de Janeiro, Brazil, July 1–August 20, 2004): Modernization of perception in the nineteenth century.

Prof. Dr. Tibor Frank (Visiting Scholar, Alexander-von-Humboldt-Stiftung, Eötvös Loránd Tudományegyetem, Budapest, Hungary, September 1, 2003–August 31, 2004): German-Hungarian connections in science and culture, 1919–1945.

Prof. Dr. Gideon Freudenthal (Visiting Scholar, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Israel, August 1–August 31, 2004 and July 1–July 31, 2005): Kant’s and Maimon’s philosophy of mathematics.

Dr. Claire Gantet (Postdoctoral Research Fellow, Centre de Recherches d’Histoire Moderne, Université de Paris I, France, September 1, 2003–September 30, 2005): Knowledge about dreams in the holy Roman empire, c. 1500–c. 1750 (Project: Knowledge and Belief).

Dr. Delphine Gardey (Visiting Scholar, Alexander-von-Humboldt-Stiftung, Centre de Recherche en Histoire des Sciences et des Techniques (CRHST), Paris, France, September 1, 2003–August 31, 2004): The female body and technoscience in the West during the 20th century.

Prof. Dr. Rodolphe Gasché (Visiting Scholar, University of Buffalo, New York, USA, June 15–July 31, 2005): Jan Patočka’s care of the soul and Edmund Husserl’s Lebenswelt.

Mauricio Gatto (Predoctoral Research Fellow, October 1, 2004–March 31, 2005): Early modern mechanical texts in the tradition of the Aristotelian mechanical problems.

Dr. Bernd Gausemeier (Postdoctoral Research Fellow, October 1, 2004–September 30, 2006): Genealogy and human heredity in Germany, ca. 1850–1945.

Dr. Zae Young Ghim (Visiting Scholar, Korea Science and Engineering Foundation, Science Culture Research Center, Research Institute for Basic Sciences, Seoul National University, Korea, November 1, 2002–October 30, 2004): History of quantum field theory in 1930s.

Prof. Dr. Hannah Ginsborg (Visiting Scholar, American Council of Learned Societies (ACLS) grant, Department of Philosophy, University of California, Berkeley, USA, September 1, 2004–July 25, 2005): The normativity of nature: empirical conceptualization, aesthetic experience and teleology in Kant’s “Critique of Judgement”.

Elodie Giroux (Predoctoral Research Fellow, Fondation Treilles, Unité de Formation et de Recherche (UFR) de Philosophie, Université Paris 1—Panthéon Sorbonne, Paris, France, October 1, 2005–May 15, 2006): Risk Factor Approach to Disease: Shifts in Medical Thought and Practice.

Dr. Bettina Gockel (Visiting Scholar, Kunsthistorisches Institut, Eberhard-Karls-Universität, Tübingen, Germany, February 15–March 31, 2005): Colour and light in 18th-century arts and sciences; history of perception; history of the relation of art and psychiatry; the avant-garde artist in the system of arts and sciences, 1860s to 1930s .

Dr. Frédéric Graber (Postdoctoral Research Fellow, Centre Alexandre Koyré, Paris, France, September 15, 2005–February 28, 2007): Places of knowledge of engineering in French and German public works (18th and 19th century).

Christelle Gramaglia (Predoctoral Research Fellow, Centre de Sociologie de l’Innovation, Ecole des Mines, Paris, France, September 1, 2005–August 31, 2006): Eco-oxicology and expert/lay observations on pollution. The development of bioindicators and biomarks and contemporary questions on observation and visual proof.

Dr. Birgit Griesecke (Postdoctoral Research Fellow, Emmy Noether-Forschungsgruppe “Kulturgeschichte des Menschenversuchs”, Universität Bonn, Germany, September 19–December 31, 2005): The foreignness of science.

Thomas O. Haakenson (Predoctoral Research Fellow, Fulbright Program, Department of Cultural Studies and Comparative Literature, University of Minnesota, Twin Cities, USA, September 1, 2002–July 31, 2004): The uncultured eye: Scientific knowledge, visual culture, and German national policy from 1871 to 1933 (Project: Common Languages of Art and Science).

Prof. Dr. Don Handelman (Visiting Scholar, The Hebrew University of Jerusalem, Israel, September 1–December 31, 2004): Bureaucratic logic of modern social orders.

Dr. Kristen Haring (Postdoctoral Research Fellow, Department of the History of Science, Harvard University, Cambridge, Massachusetts, USA, October 1, 2003–May 31, 2004): Technical identity in post-World War II America (Project: Knowledge and Belief).

Dr. Jonathan Harwood (Visiting Scholar, Centre for the History of Science, Technology and Medicine, The University of Manchester, UK, October 1– December 31, 2005): Europe's green revolution: the rise and fall of peasant-oriented plant-breeding in Central Europe, 1890–1945.

Dr. Michael Hau (Visiting Scholar, Australian Research Council, School of Historical Studies, Monash University, Victoria, Australia, November 1, 2005–January 31, 2006): High performance in elite sports: A cultural history of medicine, psychology, and society during the Weimar republic and nazism, 1918–1945.

Christophe Heintz (Predoctoral Research Fellow, Institut Jean-Nicod, Paris, France, January 1–June 30, 2004): Cognitive anthropology of mathematics.

Dr. Jörn Henrich (Postdoctoral Research Fellow, November 1, 2003–June 30, 2005): The specification of our scientific intuitions by Laplace.

Dr. Elfrieda Hiebert (Visiting Scholar, October 1–October 31, 2005): Pianists, composers, and pianos in the changing landscape of late 19th century musical acoustics.

Prof. Dr. Erwin N. Hiebert (Visiting Scholar, Department of the History of Science, Harvard University, Cambridge, Massachusetts, USA, October 1–October 31, 2005): History of the physical sciences since 1800. The legacy of “Helmholtz's Tonempfindungen” in England.

Dr. Giora Hon (Visiting Scholar, German-Israeli Foundation for Scientific Research and Development (GIF), Department of Philosophy, University of Haifa, Israel, July 1–July 31, 2004 and July 1–July 31, 2005): History of the concept of symmetry.

Prof. Dr. Michel Janssen (Visiting Scholar, Program in History of Science and Technology, University of Minnesota, Minneapolis, USA, July 10–July 31, 2004 and November 4–November 13, 2004): The genesis of relativity.

Dr. Sarah Tindal Kareem (Postdoctoral Research Fellow, August 15, 2003–January 15, 2004): The concept of “Willing suspension of disbelief” as it developed during the long eighteenth century (Project: Knowledge and Belief).

Prof. Dr. Doris Kaufmann (Visiting Scholar, Institut für Geschichte, Universität Bremen, Germany, March 1–July 31, 2004): The debate on primitivism in Germany, France and the United States in the early 20th century.

Susanne B. Keller (Postdoctoral Research Fellow, September 1, 2005–August 31, 2007): Picturing the inaccessible: The gaze under the earth’s surface between empiricism and speculation, 18th to 20th century.

Luciana Kind (Predoctoral Research Fellow, CAPES (Brazilian agency for the advanced training of university personnel), Universidade do Estado do Rio de Janeiro, Brazil, July 4–December 15, 2005): The history of brain death definition.

Cornelia Kleinitz (Postdoctoral Research Fellow, January 1–December 31, 2005): ECHO project: cultural heritage from Sudan and Mali.

Dr. Alexei Kojevnikov (Visiting Scholar, Institute for the History of Science, Moscow, Russia, June 22–July 21, 2004): History of quantum physics.

Dr. Sachiko Kusakawa (Visiting Scholar, Trinity College, Cambridge, UK, October 1–November 30, 2004): “Scientific illustration” in early modern Europe and protestant natural philosophy.

Dr. Sofie Lachapelle (Postdoctoral Research Fellow, History Department, University of Guelph, Ontario, Canada, October 1, 2002–December 31, 2004 and June 1–August 31, 2005): The relationship between theory formation and disciplinary organization in the creation of French psychology.

Dr. Jens Lachmund (Postdoctoral Research Fellow, Faculteit der Cultuurwetenschappen, Universiteit Maastricht, The Netherlands, April 1–June 3, 2005): The making of an urban ecology. Biology and wildlife protection in post WWII Berlin.

Britta Lange (Postdoctoral Research Fellow, October 1, 2005–September 30, 2007): A History of the “Typic” scientific researches in warcamps from 1915 to 1918.

Prof. Dr. Manfred Laubichler (Visiting Scholar, Department of Philosophy, Arizona State University, Tempe, USA, January 1–July 31, 2004, December 10, 2004 –January 17, 2005 and May 15–July 31, 2005): History of theoretical biology, 1900–1945; The phenomenon of regulation and the origin of theoretical biology .

Dr. Sicco Lehmann-Brauns (Postdoctoral Research Fellow, September 1, 2003–August 31, 2005): The struggle about the age of the world; new strategies of historical knowledge in 17th and 18th century and the decline of biblical chronology (Project: Knowledge and Belief).

Dr. Rhodri Lewis (Postdoctoral Research Fellow, Jesus College, Oxford, UK, September 1, 2005–August 31, 2007): Reception and development of the classic arts of memory (mnemotechnics) in Northern Europe, 1500–1700.

Dr. Leoncio López-Ocón (Visiting Scholar, Departamento de Historia de la Ciencia, Instituto de Historia – CSIC, Madrid, Spain, August 1–August 31, 2004): The reception of Humboldtian science in Latin America and Spain in the nineteenth century.

Dr. Laurent Loty (Visiting Scholar, Université Rennes 2, France, January 1–January 31, 2004): Project: Knowledge and Belief.

Dr. Abigail Lustig (Rathenau Postdoctoral Research Fellow, University of Texas, Austin, USA, August 1, 2003–August 31, 2004): Explanations of altruism, cooperation, and social behavior in humans and other animals from Darwin through sociobiology; history of natural history and systematics, particularly botany and horticulture, from the eighteenth through the twentieth centuries.

Anna Märker (Postdoctoral Research Fellow, Department of Science and Technology Studies, Cornell University, Ithaca, New York, USA, October 1, 2005–February 28, 2007): The notion of “useful knowledge” and the emergence of modern science, 1750–1850.

Scott Mandelbrote (Visiting Scholar, University of Cambridge, Peterhouse, UK, March 15–April 15, 2004, July 1–August 31, 2004 and August 15–August 31, 2005): The uses of natural theology in seventeenth-century England.

Dr. Jennifer Anne Marie (Karl Schädler Postdoctoral Research Fellow, Liechtenstein Fonds for the History of Science, April 1, 2004–September 30, 2005): Gardening, fancying, and heredity.

Dr. Andreas Mayer (Visiting Scholar, The Wellcome Trust, University of Cambridge, UK, July 26–August 31, December 1–December 31, 2004 and August 1–September 30, 2005): The study of human and animal locomotion systems: Rise and fall of Etienne Jules Marey’s physiological station.

Prof. Dr. Peter McLaughlin (Visiting Scholar, Philosophisches Seminar der Universität Heidelberg, Germany, July 1–October 31, 2004 and July 1–October 31, 2005): Project: Archimedes.

Dr. Alexandre Métraux (Visiting Scholar, Otto-Selz-Institut, Universität Mannheim, Germany, February 1–May 31, 2004): Art machines.

Prof. Dr. Reinhard Mocek (Visiting Scholar, September 1–December 31, 2004): The scientific correspondence of Alfred Kühn (1885–1968).

Dr. Amos Morris-Reich (Postdoctoral Research Fellow, Minerva Foundation, Institute of Contemporary Jewry, The Hebrew University of Jerusalem, Israel, September 1–October 31, 2005): Race and humanism: The epistemology of Arthur Ruppin.

Prof. Dr. Dorothea von Mücke (Visiting Scholar, Columbia University, New York, March 8–April 6, 2005): Authorship and the order of nature. Models of creativity and originality in the arts and sciences in the eighteenth century.

Kathrin Müller (Predoctoral Research Fellow, Gerda Henkel Stiftung, Universität Hamburg, Germany, October 13, 2003–June 30, 2005): Astronomical and cosmological images of the 12th and 13th centuries (Western Europe) (Project: Knowledge and Belief).

Tania Munz (Predoctoral Research Fellow, Department of History, Princeton University, New Jersey, USA, January 15–March 31, 2004): Of bird and bees: Karl von Frisch, Konrad Lorenz and the science of animals in Germany.

Dr. Anita Kildebaek Nielsen (Postdoctoral Research Fellow, Institut for Videnskabshistorie, Aarhus Universitet, Denmark, October 1–November 30, 2004): National dissemination of knowledge in the European periphery; Danish chemical periodicals in the nineteenth century.

Prof. Dr. Sergio Nobre (Visiting Scholar, Departamento de Matematica / UNESP, Rio Claro, Brazil, September 1, 2003–February 28, 2004): The German immigration in Brazil and its contribution for the education process.

Prof. Dr. Horst Nowacki (Visiting Scholar, Technische Universität Berlin, Germany, since August 2001): The relation between ship design and developments in fluid mechanics.

Prof. Dr. Mary Jo Nye (Visiting Scholar, Department of History, Oregon State University, Corvallis, USA, August 31–September 24, 2004): Michael Polanyi: A study in scientific life and the philosophy of science.

Prof. Dr. Robert Nye (Visiting Scholar, Department of History, Oregon State University, Corvallis, USA, August 31–September 24, 2004): Masculine culture in the modern scientific professions.

Prof. Dr. Francisco Javier Guerrero Ortega (Visiting Scholar, Deutscher Akademischer Austauschdienst, Universidade do Estado do Rio de Janeiro, Brazil, June 4–August 4, 2005): The “Cerebral Subject” in the popular culture of 19th and 20th centuries.

Prof. Dr. Laura Otis (Visiting Scholar, McArthur-Fellow, Department of English, Emory University, Atlanta, Georgia, USA, June 1, 2003–July 31, 2004 and June 17, 2005–August 15, 2006): Johannes Müller’s role in 19th century physiology; laboratory dynamics; literature and science.

Dr. Dario Perinetti (Visiting Scholar, Social Sciences and Humanities Research Council of Canada, Département de philosophie, Université du Québec à Montréal, Québec, Canada, May 1–July 31, 2005): Philosophical Reflection on History in the Enlightenment.

Jahnavi Phalkey (Predoctoral Research Fellow, School of History, Technology and Society, Georgia Institute of Technology, Atlanta, USA, June 1–August 31, 2004): History of scientific instruments and practices in India, ca. 1930–1970.

Prof. Dr. Andrew Pickering (Visiting Scholar, University of Illinois at Urbana, Champaign, USA, November 1–December 12, 2004 and May 20–June 19, 2005): Science and technology studies, history of cybernetics.

Susanne Pickert (Predoctoral Research Fellow, Humboldt-Universität zu Berlin, January 1, 2004–August 15, 2006): Fossils during the middle ages (13th–15th century).

Prof. Dr. F. Jamil Ragep (Visiting Scholar, Department of the History of Science, The University of Oklahoma, USA, March 1–July 31, 2004): Research into the relation of science and religion in Islam.

Christina Ratmoko (Predoctoral Research Fellow, Forschungsstelle für Sozial- und Wirtschaftsgeschichte, Universität Zürich, Switzerland, March 15–June 30, 2005): The essence of femininity and masculinity: The making of sex hormones by ciba (Gesellschaft für Chemische Industrie Basel) and the therapeutic use from 1910 to 1940.

Dr. Sina Rauschenbach (Visiting Scholar, January 1–March 31, 2005): Menasse Ben Israel (1604–1657). Knowledge and intercultural exchange in 17th century judaism.

Sandra Rebok (Postdoctoral Research Fellow, Deutsche Forschungsgemeinschaft, Consejo Superior de Investigaciones Científicas, Spain, July 1–July 31, 2005): German travelers in the 19th century (Spain, Latin America, USA).

Dr. Maria Rentetzi (Visiting Scholar, National Technical University of Athens, Greece, May 15, 2003–February 29, 2004, June 15–August 14, 2004 and October 1–November 30, 2005): Gender and history of physics around 1900.

Dr. Ana Maria Ribeiro de Andrade (Visiting Scholar, Museu de Astronomia e Ciências Afins — MAST, Rio de Janeiro, Brazil, September 7–October 7, 2004 and September 19–October 17, 2005): Nuclear physics in Brazil.

Prof. Joan L. Richards (Visiting Scholar, History Department, Brown University, Providence, Rhode Island, USA, September 1–December 31, 2004 and August 15–August 28, 2005): Defining reason in the Frennd/De Morgan household.

David Romand (Predoctoral Research Fellow, REHSEIS, Université Paris 7, France and Istituto di Fisiologia Umana, Università di Parma, Italy, July 1–July 31, 2004): History of the unconscious cognition (19–21th centuries).

Emmanuel Saadia (Predoctoral Research Fellow, The University of Chicago, Illinois, USA, October 20–December 20, 2004): The nature of capital: Agricultural science and political economy in revolutionary France.

Yaiza Santos Pérez (Visiting Scholar, Fundación Canaria Orotava de Historia de la Ciencia, La Orotava, Tenerife, Spain, October 1, 2003–March 31, 2004): Proyecto Humboldt.

Dr. Dagmar Schäfer (Postdoctoral Research Fellow, Sinologie, Kulturwissenschaften Ost- und Südasiens, Julius-Maximilians-Universität Würzburg, Germany, September 5–November 30, 2005): China's ancient science and technology. Text-historical work on the *Tiangong kaiwu* and various other texts during the Ming dynasty (1368–1644).

Dr. Jutta Schickore (Visiting Scholar, Department of History and Philosophy of Science, University of Cambridge, UK, July 15–September 30, 2004 and May 12–June 30, 2005): The microscope and the eye, 1750–1850; the epistemic roles of error in scientific practice.

Dr. Mark Schiefsky (Visiting Scholar, Department of the Classics, Harvard University, Cambridge, Massachusetts, USA, September 1, 2003–August 31, 2004 and June 15–July 15, 2005): Project: Archimedes; History of mechanics in antiquity.

Dr. Albert Schirrmeister (Postdoctoral Research Fellow, Universität Bielefeld, Germany, March 1, 2004–August 31, 2005): Dreams and knowledge in early modern societies.

Dr. Wolfgang Schivelbusch (Visiting Scholar, June 1–October 31, 2005): Use, consumption, metabolism (Stoffwechsel) in economic, physiological and technical nineteenth century thought.

Alexander von Schwerin (Postdoctoral Research Fellow, Abteilung für Geschichte der Naturwissenschaften, Technische Universität Braunschweig, Germany, March 1–August 31, 2004): Radioactivity and biological research in Germany, 1920–1970.

Prof. Dr. Mark Seltzer (Visiting Scholar, Department of English, University of California at Los Angeles, USA, May 1–July 31, 2004): True crime: investigation of forms of public violence and collective belief in modern culture.

Dr. Suman Seth (Postdoctoral Research Fellow, Department of History, Princeton University, New Jersey, USA, October 1, 2003–July 15, 2004): Practices of theoretical physics in Germany between 1890 and 1930.

Dana Simmons (Postdoctoral Research Fellow, University of Chicago, Illinois, USA, October 1, 2004–June 30, 2005): Minimal frenchmen: science and standards of living, 1840–1920.

Dr. Leo B. Slater (Visiting Scholar, John Hopkins School of Public Health, Baltimore, Maryland, USA, January 10–August 31, 2004): History of malaria chemotherapy in the twentieth century.

Katrin Solhdju (Predoctoral Research Fellow, January 1, 2004–December 31, 2006): Self-experimentation. Crossing the borders between science and art 1850–1920.

Dr. Anna Somfai (Visiting Scholar, The Warburg Institute, University of London, UK, January 17–March 16, 2005): The nature, role, and transmission of diagrams and diagrammatic images in early medieval (7th–12th c.), Manuscripts of philosophical, scientific, and encyclopaedic texts.

Andrew Sparling (Predoctoral Research Fellow, Duke University, Durham, North Carolina, USA, January 1–December 31, 2004): Johann Rudolph Glauber: Experience and authority in seventeenth-century alchemy.

Dr. Emma Chartreuse Spary (Visiting Scholar, University of Cambridge, UK, July 2–July 30, 2005): History of natural history, medicine, chemistry in 18th-century France, Eating the enlightenment: Food and the sciences in France, 1675 to 1815.

Prof. Dr. Richard Staley (Visiting Scholar, Department of the History of Science, University of Wisconsin-Madison, Madison, USA, August 1, 2003–July 31, 2004): Material, conceptual and disciplinary foundations of physics in the period from 1870 to the 1920th.

Dr. Klaus Staubermann (Visiting Scholar, Universiteitsmuseum Utrecht, The Netherlands, July 1–August 31, 2004): Appropriating experimentation in museum databases.

Prof. Larry Stewart (Visiting Scholar, University of Saskatchewan, Department of History, Canada, November 1, 2003–February 29, 2004, February 10–February 26, 2005 and June 1–June 30, 2005): Physical science, medicine and industry in early modern Europe, 1770–1820.

Dr. Heiko Stoff (Postdoctoral Research Fellow, Abteilung für Geschichte der Naturwissenschaften, Technische Universität Braunschweig, Germany, March 1–August 31, 2004): Enzymes, hormones, vitamins. A history of active substances based on projects promoted by the Deutsche Forschungsgemeinschaft (1920–1970).

Daniel Stolzenberg (Postdoctoral Research Fellow, Department of History, Stanford University, California, USA, September 1, 2003–August 31, 2005): Antiquarianism, oriental studies and occult sciences in the seventeenth century: Athanasius Kircher, hieroglyphs, amulets (Project: Knowledge and Belief).

Thomas Sturm (Lorenz Krüger Postdoctoral Research Fellow, October 1, 2005–January 31, 2006): Perceptual illusions in the dynamics of psychological research; Rationality in philosophy and psychology; Kant's concept of science.

Dr. Edna Maria Suárez-Díaz (Visiting Scholar, Filosofía e Historia de la Biología, Facultad de Ciencias U.N.A.M., Ciudad de México, Mexico, August 1, 2005–July 31, 2007): Representation and the production of knowledge in molecular evolution.

Dr. Udo Volkmar Thiel (Visiting Scholar, Australian National University, Department of Philosophy, Australian National University, Canberra, Australia, October 5, 2004–January 28, 2005 and December 13, 2005–February 16, 2006): Self-consciousness and personal identity in eighteenth-century philosophy.

Dr. Olivier Thiery (Postdoctoral Research Fellow, Centre de Sociologie de L'Innovation Ecole Nationale Supérieure des Mines de Paris, France, October 1, 2004–September 30, 2006): Contemporary history and ethnology of neo-natal medicine and premature babies' care.

Prof. Dr. Miao Tian (Postdoctoral Research Fellow, Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, June 22–July 9, 2004, September 1–September 30, 2004 and September 26–November 30, 2005): History of mathematics. History of mechanics. (Project: Development of mechanical knowledge in China).

Dr. Margareta T. Tillberg (Visiting Scholar, Designavdelningen, Institutionen för teknik & design, Växjö universitet, Sweden, November 1, 2005–January 31, 2006): Observer and observed in design institutes in the Soviet 1960's.

Dr. Sacha Tomic (Visiting Scholar, Université Paris X—Nanterre, France, February 1–March 31, 2004): Plant chemical analysis at the beginning of the 19th century.

Dr. John Tresch (Visiting Scholar, University of Chicago, Illinois, USA, June 1–July 31, 2005): Mechanical romanticism: Technologies of social and natural reconstruction in France, 1815–1848.

Dr. Danny Trom (Visiting Scholar, Centre National de la Recherche Scientifique, Groupe de Sociologie Politique et Morale-EHESS, Paris, France, September 1, 2005–June 30, 2006): Seeing landscapes: The politics of nature in late 19th-century Germany.

Dr. Jeroen van Dongen (Postdoctoral Research Fellow, February 1, 2003–January 31, 2004): History of black hole theory.

Koen Vermeir (Predoctoral Research Fellow, Hoger instituut wijsbegeerte, Leuven, Katholieke Universiteit Leuven, The Netherlands, April 1–August 31, 2005): The powers of the imagination: Rationality and irrationality in early modern europe.

Jeremy Vetter (Postdoctoral Research Fellow, University of Pennsylvania, USA, September 1, 2005–August 31, 2007): Knowledge, environment, and field work in the American west in the 19th and 20th centuries.

Dr. Marga Vicedo-Castello (Postdoctoral Research Fellow, Department of the History of Science, Harvard University, Cambridge, Massachusetts, USA, September 1, 2005–June 30, 2006): A history of scientific theories of the maternal instinct.

Margarete Vöhringer (Predoctoral Research Fellow, VolkswagenStiftung, Humboldt-Universität zu Berlin, Germany, February 1, 2001–January 31, 2004): Psychotechnics and avantgarde: On the convergence of science, art and technology in the Russian twenties.

Julia Voss (Predoctoral Research Fellow, Volkswagenstiftung, Humboldt-Universität zu Berlin, February 1, 2001–January 31, 2004): Darwin's images.

Prof. Dr. Daniel Warren (Visiting Scholar, Department of Philosophy, University of California, Berkeley, USA, October 1, 2004–June 30, 2005): Kant and the natural sciences of the eighteenth century.

Prof. Dr. Andrew Warwick (Visiting Scholar, Imperial College of Science, Technology and Medicine, London, UK, August 21–September 19, 2004 and August 18–September 18, 2005): X-rays and changing perceptions of disease and the body in Germany circa 1900.

Prof. Dr. Eric Watkins (Visiting Scholar, Humboldt Stiftung, Department of Philosophy, University of California, San Diego, USA, July 1–August 31, 2004 and June 6–August 29, 2005): Editing Immanuel Kant’s scientific writings for a volume of the Cambridge edition of the works of Immanuel Kant.

Prof. Dr. Simon Werrett (Visiting Scholar, University of Washington, Seattle, USA, July 1–July 31, 2005): Playing with fire: Pyrotechnics, artisanry and natural philosophy in early modern europe.

Dr. Christina Wessely (Postdoctoral Research Fellow, Historisch-Kulturwissenschaftliche Fakultät, Universität Wien, Austria, October 1, 2005–September 30, 2007): The ‘Welteislehre’ (‘world ice theory’)—Science, fiction and the public sphere 1894–1945.

Ashley West (Predoctoral Research Fellow, Center for Advanced Study in the Visual Arts (CASVA) Fellowship, Department of the History of Art, University of Pennsylvania, Philadelphia, USA, September 15, 2003–March 31, 2005): Visualizing knowledge: Prints and paintings by Hans Burgkmair the Elder (1473–1531) (Project: Knowledge and Belief).

Lambert Williams (Predoctoral Research Fellow, Department of the History of Science, Harvard University, Cambridge, Massachusetts, USA, September 1, 2004–June 30, 2006): Complexity, computation, and virtual experiment, 1960–2000.

Prof. Dr. Catherine Wilson (Visiting Scholar, Department of Philosophy, University of British Columbia, Vancouver, Canada, August 1–August 15, 2004): The revival of Epicurean materialism in seventeenth-century metaphysics, natural philosophy, and political and moral theory.

Prof. Dr. M. Norton Wise (Visiting Scholar, Department of History, University of California, Los Angeles, USA, August 6–September 29, 2004 and July 15–August 30, 2005): Bourgeois Berlin and laboratory science.

Dr. Barbara Wittmann (Visiting Scholar, Gerda Henkel Stiftung und IFK Wien, Universität Trier, Germany, November 1, 2003–October 31, 2005): Epistemic history of children’s drawings, 1880–1930.

Prof. Dr. Gereon Wolters (Visiting Scholar, Universität Konstanz, Germany, September 1–October 15, 2004): Classification in Whewell.
Falk Wunderlich (Lorenz Krüger Postdoctoral Research Fellow, April 1, 2003–December 31, 2005): Theory of matter around 1800.

Dr. Yunhong Xiao (Postdoctoral Research Fellow, Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, October 3–November 15, 2005): Development of Mechanical Knowledge in China.

Xiaodong Yin (Postdoctoral Research Fellow, Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, June 10–July 10, 2004, September 16–November 15, 2004 and September 26–November 30, 2005): Development of mechanical knowledge in China and its interaction with other cultural traditions. The history of mechanics.

Dr. Gábor Áron Zemlén (Postdoctoral Research Fellow, Hungarian Academy of Science, Budapest, Hungary, January 1–September 10, 2005): Scientific debates around the modificationist theories of colour.

Prof. Dr. Baichun Zhang (Postdoctoral Research Fellow, Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, June 11–July 10, 2004, September 8–November 15, 2004 and October 3–November 30, 2005): History of mechanics. History of technology. (Project: Development of mechanical knowledge in China).

Rafael Ziegler (Predoctoral Research Fellow, Department of Philosophy, McGill University, Montreal, Quebec, Canada, January 20–February 20, 2005 and September 1, 2005–June 30, 2006): Of telescopes and footprints—(sustainability) indicators, statistical observation and political perception.

Prof. Dr. Dahai Zou (Postdoctoral Research Fellow, Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, September 16–November 15, 2004 and September 26–November 30, 2005): History of mathematics. History of mechanics. (Project: Development of mechanical knowledge in China).

Additional Collaborators of the Exhibition Project “Albert Einstein — Engineer of the Universe”

Hartmut Amon (November 15, 2004–November 30, 2005): Image Editor.
Reiner Braun (July 1, 2004–December 31, 2005): Supporting Program.
Dr. Peter Carl (November 8, 2004–May 31, 2005): Einstein’s World Today.
Wendy Coones (May 17, 2004–September 30, 2005): Media Pedagogics.

Carmen Hammer (May 1, 2004–July 31, 2006): Catalogue Editorial Staff.
Dr. Wolf-Dieter Mechler (June 1, 2004–March 31, 2005): Editorial Staff Albert Einstein – One Hundred Authors for Einstein.
Sandra Schmidt (April 1, 2004–December 31, 2005): Worldwide Film Research.
Ursula Schmidt (November 1, 2004–December 31, 2005): Public Relations.
Nicole Schuchardt (March 1, 2005–September 30, 2005): Public Relations.
Dr. Michael Schüring (July 1, 2004–June 30, 2005): Einstein—His Life’s Path and Einstein’s World Today.
Ekkehard Sieker (September 1, 2003–July 31, 2005): Supporting Program, Film Research.
Tanja Starkowski (January 15, 2005–November 30, 2005): Copyright Management.
Prof. Dr. Kurt Sundermeyer (March 1, 2005–September 30, 2005): Einstein’s World Today.
Dr. Jörg Zaun (June 1, 2004–December 31, 2005): Einstein’s World Today.

Collaboration and Other External Activities

Memberships

The Institute is member of the Verbund für Wissenschaftsgeschichte, the Agricola-Gesellschaft, the Gesellschaft für Wissenschaftsgeschichte and the Deutsche Gesellschaft für Geschichte der Medizin, Naturwissenschaft und Technik.

Professorships

Lorraine Daston is honorary professor at the Humboldt Universität zu Berlin,
Dieter Hoffmann is außerplanmäßiger Professor at the Humboldt Universität zu Berlin,
Wolfgang Lefèvre is außerplanmäßiger Professor at the Freie Universität Berlin,
Jürgen Renn is adjunct professor at Boston University and honorary professor at the Humboldt Universität zu Berlin,
Hans-Jörg Rheinberger is honorary professor at the Technische Universität Berlin.

Cooperation Partners

Albert Einstein Archives, Jerusalem, Israel
 Archivio di Stato di Venezia, Italy
 Arizona State University, U.S.A.
 Berlin-Brandenburgische Akademie der Wissenschaften
 Berliner Medizinhistorisches Museum



Collaboration partners of the MPIWG

Bibliotheca Hertziana—Max-Planck-Institut für Kunstgeschichte, Rome, Italy
 British Museum, London, U.K.
 Comenius Garten, Berlin
 Department of Philosophy, University of Haifa, Israel
 European Union and Partners of the ECHO-Project
 Fakultät Medien, Bauhaus-Universität Weimar
 Fundación Canaria Orotava de Historia de la Ciencia, Tenerife, Spain
 Harvard University, Cambridge, U.S.A.
 Hermann von Helmholtz-Zentrum für Kulturtechnik, Humboldt-Universität
 zu Berlin
 Hermitage Museum St. Petersburg, Russia
 Institut für Kunstgeschichte, Freie Universität Berlin
 Institut für Vorderasiatische Altertumskunde, Freie Universität Berlin
 Institut Pasteur, Paris, France
 Institute for the History of Natural Sciences, Chinese Academy of Sciences,
 Beijing, China
 Istituto e Museo di Storia della Scienza, Florence, Italy
 London School of Economics, U.K.
 L'Université catholique de Louvain, Brussels, Belgium
 Max-Planck-Institut für Bildungsforschung, Berlin
 Max-Planck-Institut für Kognitions- und Neurowissenschaften
 Max-Planck-Institut für Psycholinguistik, Nijmegen, The Netherlands
 Max-Planck-Institut zur Erforschung von Gemeinschaftsgütern, Bonn
 MIT—Dibner Institute for the History of Science
 Mongolian Academy of Science, Ulan Bator, Mongolia
 Musée du Louvre, Paris, France
 National and Kapodistrian University of Athens, Greece
 Norwegian Institute of Palaeography and Historical Philology, Oslo, Norway
 Opera di Santa Maria del Fiore, Florence, Italy
 Partners of the exhibition project “Einstein – Ingenieur des Universums”
 Berlin 2005
 Program for the History and Philosophy of Science at Stanford University
 Staatsbibliothek zu Berlin (Stiftung Preußischer Kulturbesitz)
 Stazione Zoologica Anton Dohrn, Naples, Italy

The Cohn Institute for the History and Philosophy of Science and Ideas,
 Tel-Aviv University, Israel
 Tufts University, Medford, U.S.A
 Universidad Nacional Autónoma de México
 Universidade do Estado do Rio de Janeiro, Brazil
 Universität Bern, Switzerland
 Université de Genève, Switzerland
 Universiteitsmuseum Utrecht, The Netherlands
 University of California at Los Angeles, U.S.A.
 University of Chicago, U.S.A.
 University of Exeter, U.K.
 University of Missouri at Kansas City, U.S.A.
 Vorderasiatisches Museum Berlin (Stiftung Preußischer Kulturbesitz)
 Zentrum für Literaturforschung, Berlin

Partners of the International Max Planck Research Network
 “History of Scientific Objects”

Günter Abel, Technische Universität Berlin
Jochen Brüning, Humboldt Universität zu Berlin
Peter Galison, Harvard University, Cambridge, U.S.A.
Paolo Galluzzi, Istituto e Museo di Storia della Scienza, Florence, Italy
Friedrich Kittler, Humboldt Universität zu Berlin
Eberhard Knobloch, Technische Universität Berlin
Wolfgang Krohn, Universität Bielefeld
Peter Lipton, University of Cambridge, U.K.
Thomas Macho, Humboldt Universität zu Berlin
Everett Mendelsohn, Harvard University, Cambridge, U.S.A.
Dominique Pestre, Ecole des Hautes Etudes en Sciences Sociales, Paris, France
Claudio Pogliano, Università di Pisa, Consortium of Tuscan Universities, Italy
Allan Brandt, Harvard University, Cambridge, U.S.A.
Simon Schaffer, University of Cambridge, U.K.
Peter Weingart, Universität Bielefeld
Michael Hagner, ETH Zürich, Switzerland
Jakob Tanner, Universität Zürich, , Switzerland
Helmuth Trischler, Deutsches Museum, München

Editorships

Peter Damerow is co-editor of *Materialien zu den frühen Schriftzeugnissen des Vorderen Orients (MSVO)*.
Lorraine Daston is consulting editor to *Science in Context* of Cambridge University Press, and member of the editorial board of the *Revue d’Histoire des Sciences Humaines*.

Dieter Hoffmann is member of the editorial board of *Physics in Perspective*.
Ursula Klein is member of the editorial board of *Ambix* and of *Centaurus*
Jürgen Renn is co-editor of *Boston Studies in the Philosophy of Science*; and of *Science in Context*, member of the editorial boards of *Living Reviews in Relativity*; *Archimedes*; *Studies in History and Philosophy of Modern Physics*; *Automata: Nature, Science, and Technics in the Ancient World*; and member of the advisory board of *Galilaeana: Journal of Galilean Studies*.
Hans-Jörg Rheinberger is advisory editor of *ISIS*; consulting editor of *Studies in History and Philosophy of the Biological and Biomedical Sciences*; member of the editorial boards of *Annals of the History and Philosophy of Biology*; *History and Philosophy of the Life Sciences*; *Sociology of the Sciences Yearbook*; *Studies in Transformations in Art and Culture*; member of the advisory boards of *International Journal of History and Ethics of Natural Sciences, Technology and Medicine (NTM)*; *Biological Theory*; *Handbook of Science and Technology (Society for Social Studies of Science)*; *Representaciones*; *Gesnerus*, *Swiss Journal of the History of Medicine and Sciences*; member of the scientific review board of *Demographic Research*.
Fernando Vidal is consulting editor of *Revue d'Histoire des Sciences Humaines*, *History of Psychology*, *Cuadernos argentinos de historia de la psicología*, *Anuario de psicología*, *Studi di psicologia dell'educazione*.

Teaching Activities

Winter 2003/04

Erna Fiorentini: "A new visible World discovered for the understanding"
 Robert Hooke's *Micrographia* (Seminar, Universität Augsburg)
Bettina Gockel: Paul Klee. Life and Work (Proseminar, Universität Tübingen)
Bettina Gockel: The Science of the Artist. 18th to 20th century
 (Hauptseminar, Universität Tübingen)
Christoph Hoffmann: Medizin und Literatur um 1900
 (Seminar, Europa-Universität Viadrina Frakfurt/Oder)
Dieter Hoffmann: Max Planck (1858–1947): Wissenschaft und Gesellschaft im Spiegel einer Gelehrtenbiographie (Seminar, Humboldt Universität zu Berlin)
Horst Kant: Forschen unter Stalin und Hitler—Naturwissenschaftler im Konflikt with der Macht (Hauptseminar, Freie Universität Berlin, with Jutta Petersdorf)
Bernhard Kleeberg: Theorien der Wissenschaftsgeschichte I
 (Seminar, Universität Konstanz, with Michael Kempe)
Wolfgang Lefèvre: Philosophie, Wissenschaft, Gesellschaft: Philosophie und Psychoanalyse (Forschungskolloquium, Freie Universität Berlin)
Sicco Lehmann-Brauns: Das klassische Völkerrecht
 (Seminar, Freie Universität Berlin)
Staffan Müller-Wille: Kulturgeschichte der Vererbung
 (Proseminar, Technische Universität Berlin, with Hans-Jörg Rheinberger)

Staffan Müller-Wille: Introduction to historical epistemology
(Graduate Seminar, Universidad Nacional Autonoma de Mexico, Mexico City)

Albert Presas i Puig: Epistemology and history of Biology and Medicine
(Seminar, University Pompeu Fabra, Barcelona)

H. Otto Sibum: Objekte der Wissensgeschichte
(Seminar, Technische Universität Braunschweig)

Friedrich Steinle: Neue Beiträge zur Geschichte der Naturwissenschaften und Technik (Oberseminar, Universität Stuttgart)

Friedrich Steinle: Klassiker der Naturwissenschaften des 19. Jahrhunderts
(Lektürekurs, Universität Stuttgart)

Friedrich Steinle: Geschichte der Naturwissenschaften IV:
Das 19. Jahrhundert (Kursvorlesung, Universität Stuttgart)

Annette Vogt: Historiker(innen), Mathematiker(innen) und andere Gelehrte –
Karrieremuster und Netzwerke (Proseminar, Humboldt Universität zu Berlin,
with Peter Th. Walter)

Annette Vogt: Wissenschaftsbeziehungen zwischen Deutschland und
Rußland/ Sowjetunion im 19. und 20. Jahrhundert (Seminar, Freie Universität
Berlin, with Jutta Petersdorf)

Sommer 2004

Charlotte Bigg: Einführung in die Wissenschaftsgeschichte (Lecture,
ETH Zürich, Switzerland, Michael Hagner, Peter Geimer, Marianne Sommer)

Christina Brandt: Das Leben schreiben. Biowissenschaften und Literatur im
20. Jahrhundert (Seminar, Technische Universität Braunschweig)

Christina Brandt: 12. Studientag Wissenschaftsgeschichte (Kolloquium,
MPIWG, with Bernhard Kleeberg)

Mechthild Fend: Das Inkarnat. die Körperoberfläche als maltechnisches und
kunsttheoretisches Problem (Seminar, Humboldt Universität zu Berlin)

Bernhard Kleeberg: 12. Studientag Wissenschaftsgeschichte (Kolloquium,
MPIWG, with Christina Brandt)

Staffan Müller-Wille: Genes and species, class and race: Towards a social history
of classification (Lecture and postgraduate seminar, Tel Aviv University)

H. Otto Sibum: Wunderkammern, Museen, Weltausstellungen (Seminar,
Technische Universität Braunschweig)

Friedrich Steinle: Geschichte der Naturwissenschaften V: Das 20. Jahrhundert
(Kursvorlesung, Universität Stuttgart)

Friedrich Steinle: Klassiker der Naturwissenschaften des 20. Jahrhunderts
(Lektürekurs, Universität Stuttgart)

Friedrich Steinle: Experimentalwissenschaften im 18. Jahrhundert
(Hauptseminar, Universität Stuttgart)

Annette Vogt: Heimkehr in die Fremde? - RemigrantInnen nach Ost- und West-
deutschland (Proseminar, Humboldt Universität zu Berlin, with Peter Th. Walter)

Winter 2004/05

Charlotte Bigg: Science Fiction (Seminar, ETH Zürich, Switzerland, with Peter Geimer)

Christina Brandt: Geschichte der Biowissenschaften und Biotechnologie im 20. Jahrhundert, Teil I (Blockseminar, Technische Universität Braunschweig)

Christina Brandt: 13. Studientag Wissenschaftsgeschichte (Kolloquium, MPIWG, with Bernhard Kleeberg)

Uljana Feest: Erklären und Verstehen aus historischer und philosophischer Sicht (Proseminar, Freie Universität Berlin)

Bernhard Kleeberg: Theorien der Wissenschaftsgeschichte II (Seminar, Universität Konstanz, with Michael Kempe)

Bernhard Kleeberg: 13. Studientag Wissenschaftsgeschichte (Kolloquium, MPIWG, with Christina Brandt)

Ursula Klein: Geschichte der experimentellen Wissenschaften I (17. und 18. JH) (Kompaktseminar, Universität Konstanz)

Annette Vogt: Wissenschaftsbeziehungen zwischen Deutschland und Rußland/Sowjetunion im 19. und 20. Jahrhundert (Hauptseminar, Freie Universität Berlin, with Jutta Petersdorf)

Hosted Scholars

The institutions listed below funded 29 scholars in 2004 and 42 scholars in 2005. The average duration of their stay was 6 months.

Alexander-von-Humboldt-Stiftung

Australian National University

Australian Research Council

Brandeis University

CAPES (Brazilian agency for the advanced training of university personnel)

Center for Advanced Study in the Visual Arts (CASVA)

Centre National de la Recherche Scientifique

Columbia University

Consejo Superior de Investigaciones Cientificas

Deutsche Forschungsgemeinschaft

Deutscher Akademischer Austauschdienst

ETH Zurich, Switzerland

Fondation Treilles

Fritz-Thyssen-Stiftung

Fulbright Program

Gerda Henkel Stiftung

German-Israeli Foundation for Scientific Research and Development (GIF)

IFK Wien

Korea Science and Engineering Foundation

Liechtenstein Fonds for the History of Science

McArthur Foundation
 Minerva Foundation
 Oklahoma University
 Princeton University
 Social Sciences and Humanities Research Council of Canada
 The Bank of Sweden Tercentenary Foundation
 The Wellcome Trust
 Universität Bremen
 Universität Zürich
 Université catholique de Louvain
 Université Nancy 2
 University of British Columbia
 University of California
 University of Cambridge
 University of Chicago
 University of Maastricht
 University of Manchester
 University of Oslo
 University of Oxford
 University of Toronto
 VolkswagenStiftung

Conferences, Workshops, and Colloquia

Workshops and Conferences

6 February and 25 June 2004, 28 January and 15 July 2005: Zwischenräume: Seriality; Vitalism/Mortalism; Figures of Isolation; Infection and Immunity. Four workshops organized together with the Helmholtz-Zentrum für Kulturtechnik and the Zentrum für Literaturforschung, Berlin

7 February 2004: Intellectual Work as Labor. Co-organized with M. Norton Wise and held at the University of California Los Angeles (UCLA)

1–4 April 2004: Discovery and Justification. Book workshop organized by Jutta Schickore and Friedrich Steinle

17 April 2004: 11. Studientag Wissenschaftsgeschichte

19–20 April 2004: Final conference of the project “European Cultural Heritage Online” (ECHO)

6–8 May 2004: Im Reich der Dinge. Das Museum als Erkenntnisort. Conference. Deutsches Hygiene-Museum Dresden in cooperation with the MPIWG

25–27 May 2004 and 1–3 July 2004: Workshops of the project “Knowledge and Belief”

- 10–16 June 2004:** Regulation. Historical and Current Themes in Theoretical Biology. Joint workshop of the Collaborative Research Center for Theoretical Biology (SFB 618) and MPIWG
- 1–3 July 2004:** Husserl and the Historical Epistemology of Sciences. MPIWG with participation of the University of Ottawa
- 16–17 August 2004:** Zur Kritik des mechanischen Weltbildes – Kant, Hegel, Marx und die Folgen. Konferenz zu Ehren von Renate Wahsners 65. Geburtstag
- 17–26 August 2004:** Berlin Summer Academy “Science on Screen”
- 23 October 2004:** 12. Studientag Wissenschaftsgeschichte
- 29–30 October 2004:** Miracles as Epistemic Things
- 11–14 November 2004:** New Paths of Physical Knowledge. Science and the Changing Sense of Reality circa 1900
- 12–13 November 2004:** Epistemologie der Aufzeichnungsapparate. Von der Hämodynamik zur Medienphysik
- 25–26 November 2004:** Bauplanung, Arbeitsorganisation und Bautechnik in den frühen Hochkulturen
- 10–11 December 2004:** The Making of Materials
- 13–16 January 2005:** A Cultural History of Heredity III: Nineteenth and Early Twentieth Centuries
- 13–15 January 2005:** Before the Revolutions: Religions, Sciences and Politics in the Fifteenth Century. Conference organized by Rivka Feldhay (Tel Aviv University, Israel), Jamil Ragep (University of Oklahoma, U.S.A.), Wilhelm Schmidt-Biggemann (Freie Universität Berlin, Germany)
- 28–29 January 2005:** Observing Nature—Representing Experience. Workshop organized by Erna Fiorentini (Freie Universität Berlin/MPIWG)
- 6–13 March 2005, La Orotava, Tenerife:** Einstein and the Changing World Views of Physics, 1905/2005 HGR7. Seventh International Conference on the History of General Relativity, jointly organized with la Fundación Canaria Orotava de Historia de la Ciencia and el Instituto de Astrofísica de Canarias
- 10–12 March 2005:** Labor und Seminar. Berliner Kulturräume der Wissenschaften im 19. Jahrhundert. Conference jointly organized with the Institute for the History of Medicine of the Charité Berlin
- 16 April 2005:** 13. Studientag Wissenschaftsgeschichte
- 8–10 May 2005:** Error in Experimental Science. Workshop at the University of Haifa jointly organized with the MPIWG
- 27 May 2005:** Der geometrische Entwurf der Hagia Sophia in Istanbul. Workshop
- 2–5 June 2005:** The Shape of Experiment. Conference organized by the project “Experimentalization of Life”
- 12–15 June:** Borderline Problems of Science 1905 and 2005. Celebratory colloquium organized on behalf of the MPG at the Berlin Urania Congress Center
- 1–2 July 2005:** Gespenster und Politik in Europa, 16.–21. Jahrhundert. Conference organized by Claire Gantet et Fabrice d’Almeida (Centre Marc Bloch, Berlin) funded by the Fritz-Thyssen-Stiftung
- 7–8 July 2005:** Discovery, Creativity and Innovation. Einstein’s annus mirabilis. Conference at the University of Bern jointly organized with the MPIWG

- 24–26 August 2005:** The Destruction of Biblical Chronology between Scaliger and Vico Workshop in collaboration with the Department of History, Princeton University and the Andrew W. Mellon Foundation
- 12–14 October 2005:** Observation in the Enlightenment, jointly organized with the Niedersächsische Staats- und Universitätsbibliothek Göttingen
- 13–15 October 2005:** History and Epistemology of Molecular Biology and Beyond: Problems and Perspectives. Conference jointly organized with Institut Pasteur, Fondation Mérieux, and Société d’histoire et d’épistémologie des sciences de la vie.
- 22 October 2005:** 14. Studientag Wissenschaftsgeschichte
- 2 December 2005:** The Century of the Gene. Workshop at the University of Exeter jointly organized with the MPIWG
- 12 December 2005:** Einstein and Europe. Conference at the Wissenschaftszentrum Nordrhein-Westfalen jointly organized with the Royal Netherlands Academy of Arts and Sciences and the MPIWG
- 14–15 December 2005:** Travelling Facts. Workshop jointly organized with the London School of Economics
- 16–17 December 2005:** Between economics and biology: Organisms and metabolism in the nineteenth and twentieth centuries jointly organized with Abigail Lustig, University of Texas at Austin, USA

The Institute’s Colloquia

- 18 February 2004** *Manfred Laubichler* Ernst Cassirer and Theoretical Biology
- 3 March 2004** *Alexandre Métraux* Animal Hypnotism
- 24 March 2004** *Dominique Pestre* The Production and Regulation of the Sciences in Society Today
- 12 May 2004** *Domenico Bertoloni-Meli* The Medical Assayer of Marcello Malpighi
- 26 May 2004** *Mechthild Fend* Das Haptische bei Alois Riegl. Raumwahrnehmung und Bildbetrachtung um 1900
- 9 June 2004** *Andreas Kleinert* Lenard und Stark im Dritten Reich. Der Briefwechsel der beiden Physiker aus den Jahren 1933–1947
- 7 July 2004** *Rüdiger Campe* Evidence as Device, 1650–1790. A Concept of Cultural Analysis
- 21 July 2004** *Doris Kaufmann* “Primitivismus”: Zur Geschichte eines semantischen Feldes, 1900–1930
- 4 August 2004** *Leoncio López-Ocón* The ‘processionary science’ of the Comisión Científica del Pacífico, a symbol of the discontinuity of science in Spain
- 1 September 2004** *Lorraine Daston, Fernando Vidal* Book presentation The Moral Authority of Nature
- 15 September 2004** *Robert Nye* Methods and Theory in the History of Masculinity
- 29 September 2004** *Antoni Malet* Science in Francoist Spain (1939–1967): ‘scientific isolation’ revisited
- 10 November 2004** *Anke te Heesen, Lorraine Daston* Book presentation Things that Talk

- 24 November 2004** *Wolfgang Lefèvre* Book presentaion Picturing machines: 1400–1700
- 8 December 2004** *Jonathan Lamb* Extreme and Sentimental History
- 26 January 2005** *Catherine Wilson* Epicurean Naturalism in Early Modernity: Some Texts and Problems
- 9 February 2005** *Pasi Falk* Tool-making and Taxonomies—some primal scene speculations
- 23 February 2005** *Tom Mitchell* Picturing Terror: Derrida’s Autoimmunity
- 9 March 2005** *Moritz Epple* Singularities, knots, and mathematical modernism: On the transformation of the epistemic things of mathematics after 1900
- 6 April 2005** *Christina Brandt* Book presentation Metapher und Experiment: Von der Virusforschung zum genetischen Code
- 18 May 2005** *Gérard Jorland* What is a statistical observation? A case study
- 1 June 2005** *Soraya de Chadarevian* Models—The Third Dimension of Science
- 29 June 2005** *Hermann Schlimme* Zwischen Bautechnik und Naturwissenschaft: Eine unbekannte Florentiner Akademie des 17. Jahrhunderts
- 10 August 2005** *John Beckman* Distance as the key physical parameter in cosmology

Academic Achievements and Scientific Awards

Habilitations

Christoph Hoffmann received his *venia legendi* in Neuere Deutsche Literatur from the Europa-Universität Viadrina, Frankfurt/Oder, Germany in June 2004.

Sven Dierig received his *venia legendi* in Geschichte der Naturwissenschaften from the Technische Universität Berlin, Germany in January 2005.

PhD Theses

Jan Altmann completed his thesis on “Exakte Beobachtung der Natur und des Menschen” and was awarded his PhD by the Humboldt Universität zu Berlin, Germany in August 2005.

Katja Bödeker completed her thesis on “Die Entwicklung intuitiven physikalischen Denkens im Kulturvergleich” and was awarded her PhD by the Freie Universität Berlin, Germany in December 2004.

Deborah Rachel Coen, Predoctoral Research Fellow 2001/02, completed her thesis on “A Scientific Dynasty: Probability, Liberalism, and the Exner Family in Imperial Austria” and was awarded her PhD by the Dept. of the History of Science, Harvard University, Cambridge, Massachusetts, U.S.A. in June 2004.

Thomas O. Haakenson completed his thesis on “Grotesque Visions: Art, Science, and Visual Culture in Early-Twentieth-Century Germany” and was awarded his PhD by the Department of Cultural Studies and Comparative Literature, University of Minnesota, Twin Cities, U.S.A. in July 2006.

Naomi Hume, Predoctoral Research Fellow 2002, completed her thesis on “Contested Cubisms: Transformations of the Czech Avant-Garde, 1910–1914” and was awarded her PhD by the University of Chicago, Illinois, U.S.A. in June 2004.

Anna Maerker completed her thesis on “Model experts: The production and uses of anatomical models at La Specola, Florence, and the Josephinum, Vienna, 1775–1814” and was awarded her PhD by the Department of Science and Technology Studies, Cornell University, Ithaca, New York, U.S.A. in August 2005.

Matthew Stanley, Predoctoral Research Fellow 2001/02, completed his thesis on “Practical Mystic: Religion and Science in the Life and Work of A. S. Eddington” and was awarded his PhD by the Harvard University, Cambridge, Massachusetts, U.S.A. in June 2004.

Margarete Vöhringer completed her thesis on “Avantgarde und Psychotechnik. Wissenschaft, Kunst und Technik der Wahrnehmungsexperimente im post-revolutionärem Rußland” and was awarded her PhD by the Humboldt-Universität zu Berlin, Germany in February 2006.

Julia Voss completed her thesis on “Darwins Bilder. Ansichten der Evolutionstheorie 1837 bis 1874” and was awarded her PhD by the Humboldt-Universität zu Berlin, Germany in December 2005.

The dissertation of *Julia Voss* was awarded the Otto Hahn Medal 2005 by the Max Planck Society.

The dissertation of *Christina Brandt* “Metapher und Experiment. Von der Virusforschung zum genetischen Code” (completed 2002) was awarded the “Förderpreis der Deutschen Gesellschaft für Geschichte der Medizin, Naturwissenschaften und Technik (2005).

Appointments

Tara Abraham (Postdoctoral Research Fellow October 2002–June 2004) was appointed as Assistant Professor at the York University, Toronto, Canada.

Nancy Anderson (Rathenau Postdoctoral Research Fellow October 2002–September 2004) was appointed as Assistant Professor at the State University of New York, Buffalo, U.S.A.

Monika Baár (Postdoctoral Research Fellow September 2003–August 2005) was appointed as Teaching Fellow at the Department of History, University of Essex, U.K.

Naomi Beck (Predoctoral Research Fellow October 2004–July 2005) was appointed as Assistant Professor at the Social Sciences Collegiate Division, Society of Fellows, The University of Chicago, Illinois, U.S.A.

Elena Bougleux (Visiting Scholar September–November 2004) was appointed as Researcher at the Research Centre on the Anthropology and the Epistemology of Complexity.

Claudia Bührig (Research Scholar November 2002–May 2005) was appointed as Wissenschaftliche Mitarbeiterin at the Deutsches Archäologisches Institut, Berlin, Germany.

Sven Dierig (Research Scholar July 1997–March 2006) was appointed as Manager of Science Communication at the Institut für Nanotechnologie, Forschungszentrum Karlsruhe GmbH, Germany.

Jeroen van Dongen (Postdoctoral Research Fellow February 2003–January 2004) was appointed as VENI Research Fellow of the Netherlands Organisation for Scientific Research at the Utrecht University, The Netherlands.

Philipp Felsch (Predoctoral Research Fellow February 2002–January 2005) was appointed as Postdoctoral Fellow at the ETH Zürich, Switzerland.

Mechthild Fend (Research Scholar September 2001–August 2004) was appointed as Lecturer at the Department of History of Art, University College London, U.K.

Christian Forstner (Predoctoral Research Fellow May–July 2005) was appointed as Gastwissenschaftler at the Institut für Zeitgeschichte, Universität Wien, Österreich.

Claire Gantet (Postdoctoral Research Fellow September 2003–August 2005) was appointed as Forschungsstipendiatin at the Historisches Kolleg, München, Germany.

Delphine Gardey (Alexander-v.-Humboldt-Stiftung Fellow September 2003–August 2004) was appointed as Chargée de recherche at the Centre de Recherche en Histoire des Sciences et des Techniques, Paris, France.

Peter Geimer (Research Scholar March 2001–March 2004) was appointed as Research Scholar at the ETH Zürich, Switzerland.

Birgit Griesecke (Postdoctoral Research Fellow September–December 2005) was appointed as Wissenschaftliche Mitarbeiterin at the Emmy-Noether-Nachwuchsgruppe “Kulturgeschichte des Menschenversuchs”, Germanistisches Seminar, Universität Bonn, Germany.

Thomas O. Haakenson (Visiting Scholar September 2002–July 2004) was appointed as Lecturer at the Department of Cultural Studies and Comparative Literature, University of Minnesota, Twin Cities, U.S.A.

Sarah Tindal Kareem (Postdoctoral Research Fellow August 2003–January 2004) was appointed as Harper Fellow and Collegiate Assistant Professor at the University of Chicago, Illinois, U.S.A.

Alexei Kojevnikov (Visiting Scholar June–July 2004) was appointed as Senior Research Associate at the Institute for the History of Science and Technology, Russian Academy of Sciences, Moscow, Russia.

Sachiko Kusakawa (Visiting Scholar October–November 2004) was appointed as Tutor and Fellow at the Trinity College, Cambridge, U.S.A.

Sofie Lachapelle (Postdoctoral Research Fellow June–August 2005) was appointed as Assistant Professor at the University of Guelph, Ontario, Canada.

Sicco Lehmann-Brauns (Postdoctoral Research Fellow September 2003–August 2005) was appointed as Referent und Vorstand at the Forschungsverbund Berlin e.V., Germany.

Laurent Loty (Visiting Scholar January–January 2004) was appointed as Maître de Conférences en Littérature Française at the Université Rennes 2, France.

Abigail Lustig (Rathenau Postdoctoral Research Fellow August 2003–August 2004) was appointed as Assistant Professor at the Department of History, University of Texas, Austin, U.S.A.

Jennifer Anne Marie (Karl Schädler Postdoctoral Research Fellow April 2004–September 2005) was appointed as Teaching Fellow at the Centre for the

Advancement of Learning and Teaching, University College London, U.K.

Amos Morris-Reich (Postdoctoral Research Fellow September–October 2005) was appointed as Kreitman Postdoctoral Research Fellow at the Department of Jewish Thought, Ben Gurion University, Beer-Sheva, Israel.

Kathrin Müller (Predoctoral Research Fellow October 2003–June 2005)

was appointed as Wissenschaftliche Assistentin at the Art History Institute in Florence—Max Planck Institute, Italy.

Staffan Müller-Wille (Research Scholar December 2000–September 2004) was appointed as Senior Research Fellow at the ESRC Centre for Genomics in Society (Egenis), University of Exeter, U.K.

Jahnvi Phalkey (Predoctoral Research Fellow June–August 2004) was appointed as Doctoral Candidate at the School of History, Technology and Society, Georgia Institute of Technology, Atlanta, U.S.A.

Sina Rauschenbach (Visiting Scholar January–March 2005) was appointed as Wissenschaftliche Mitarbeiterin at the Institut für Geschichte, Martin-Luther-Universität Halle-Wittenberg, Germany.

Olivier Rемаud (Alexander-v.-Humboldt-Stiftung Fellow April–December 2003) was appointed as Maître de Conférences at the École des Hautes Études en Sciences Sociales, Paris, France.

Jutta Schickore (Visiting Scholar May–June 2005) was appointed as Assistant Professor at the Indiana University, Bloomington, U.S.A.

Mark Schiefsky (Visiting Scholar June–July 2005) was appointed as Assistant Professor at the Department of the Classics, Harvard University, Cambridge, Massachusetts, U.S.A.

Albert Schirrmeister (Postdoctoral Research Fellow March 2004–August 2005) was appointed as Wissenschaftlicher Mitarbeiter at the Humboldt-Universität zu Berlin, Germany.

Markus Schnöpf (Research Scholar and Predoctoral Research Fellow until February 2005) was appointed as Wissenschaftlicher Mitarbeiter at the Berlin-Brandenburgische Akademie der Wissenschaften, Germany.

Suman Seth (Visiting Scholar October 2003–July 2004) was appointed as Assistant Professor at the Cornell University, Ithaca, U.S.A.

Dana Simmons (Postdoctoral Research Fellow October 2004–June 2005) was appointed as Assistant Professor at the University of California, Riverside, U.S.A.

Anna Somfai (Visiting Scholar January–March 2005) was appointed as Fellow and Visiting Professor at the Collegium Budapest and Department of Medieval Studies, Central European University, Budapest, Hungary.

Heiko Stoff (Postdoctoral Research Fellow March–August 2004) was appointed as Research Fellow at the Abteilung für Geschichte der Naturwissenschaften mit Schwerpunkt Pharmaziegeschichte, Technische Universität Braunschweig, Germany.

Daniel Stolzenberg (Postdoctoral Research Fellow September 2003–August 2005) was appointed as Assistant Professor/Post Doctoral Scholar at the History Department, University of Michigan, Ann Arbor, U.S.A.

John Tresch (Visiting Scholar June–July 2005) was appointed as Assistant Professor at the Pennsylvania University, Philadelphia, U.S.A.

Koen Vermeir (Predoctoral Research Fellow April–August 2005) was appointed as

Frank Boas Postdoctoral Fellow at the Department of the History of Science, Harvard University, Cambridge, Massachusetts, U.S.A.

Margarete Vöhringer (Predoctoral Research Fellow February 2001–January 2004) was appointed as Research Scholar at the Bauhaus Universität Weimar, Germany.

Alexander von Schwerin (Postdoctoral Research Fellow March–August 2004) was appointed as Research Fellow at the Abteilung für Geschichte der Naturwissenschaften mit Schwerpunkt Pharmaziegeschichte, Technische Universität Braunschweig, Germany.

Ashley West (Visiting Scholar September 2003–March 2005) was appointed as David E. Finley Fellow (CASVA) at the Department of the History of Art, University of Pennsylvania, Philadelphia, U.S.A.

Jessica Wilson (Visiting Scholar June–July 2005) was appointed as Assistant Professor at the University of Toronto, Canada.

Joseph Ziegler (Visiting Scholar January–February 2005) was appointed as Senior Lecturer at the Department of General History University of Haifa, Israel.

Publications

This bibliography comprises the publications of the Institute's members and guests during the period 2004–2005. Book reviews are not listed. Bibliography editors: Sabine Bertram and Anke Pietzke. Last update: August 23, 2006

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- 2 Badino, Massimiliano, ed. *Ludwig Boltzmann: fisica e probabilità*. Milano: Melquìades, 2005.

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- 4** Bevilacqua, Fabio and Jürgen Renn, eds. *Albert Einstein: ingegnere dell’universo*. Milano: Skira, 2005.

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- 1 Brandt, Christina. *Metapher und Experiment: von der Virusforschung zum genetischen Code*. Wissenschaftsgeschichte, Göttingen: Wallstein, 2004.

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- 1 Büscher, Barbara, Hans Christian von Herrmann, and Christoph Hoffmann, eds. *Ästhetik als Programm: Max Bense/Daten und Streuungen. Kaleidoskopien*; 5. Berlin: Vice Versa, 2004.

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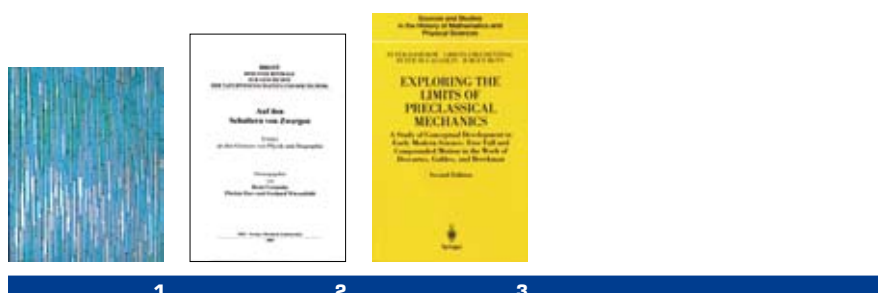
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- 2 Ceranski, Beate, Florian Hars, and Gerhard Wiesenfeldt, eds. *Auf den Schultern von Zwergen: Essays an den Grenzen von Physik und Biografie*. Berliner Beiträge zur Geschichte der Naturwissenschaften und der Technik; 31. Berlin [u. a.]: ERS-Verlag, 2005.

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- 3** Damerow, Peter, Gideon Freudenthal, Peter McLaughlin, and Jürgen Renn. *Exploring the limits of preclassical mechanics: a study of conceptual development in early modern science; free fall and compounded motion in the work of Descartes, Galileo, and Beekman*. 2. ed., New York [u. a.]: Springer, 2004.

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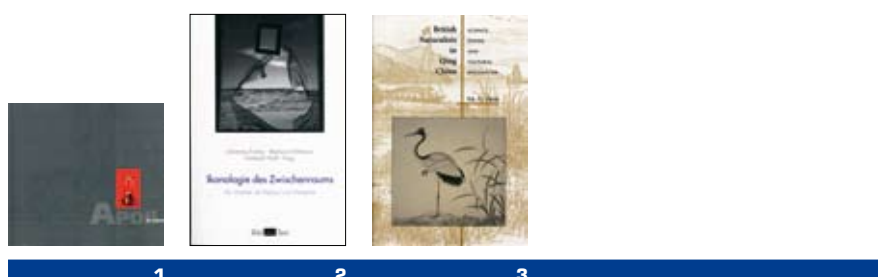
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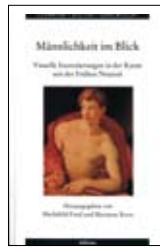
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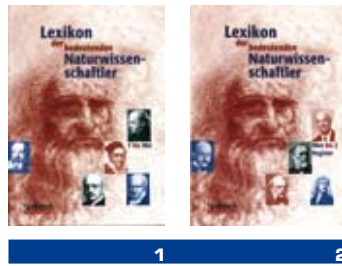
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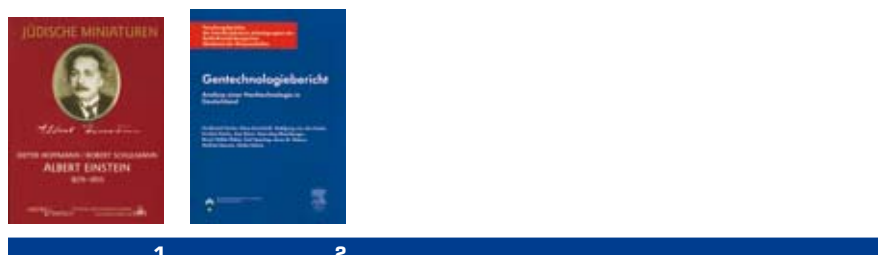
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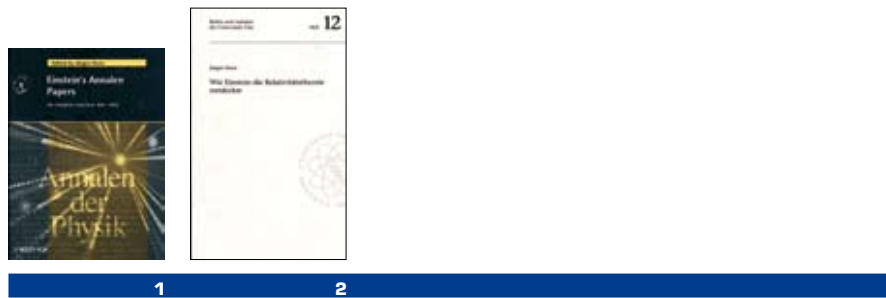
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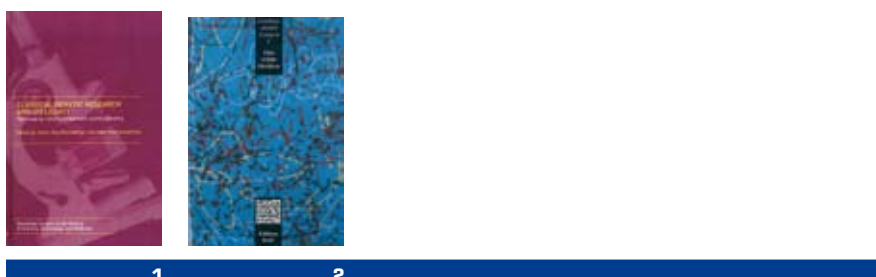
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