



MAX-PLANCK-GESellschaft

INFORMATION ABOUT THE INSTITUTE'S ACTIVITIES 2000

MAX-PLANCK-INSTITUT FÜR WISSENSCHAFTSGESCHICHTE



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THE INSTITUTE'S ACTIVITIES
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MAX-PLANCK-INSTITUT FÜR
WISSENSCHAFTSGESCHICHTE

Max Planck Institute for the History of Science

MAX-PLANCK-INSTITUT FÜR WISSENSCHAFTSGESCHICHTE

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Structure and Organization of the Institute

Scientific Advisory Board

Prof. Dr. Roger Chartier, Centre de Recherches Historiques, CNRS, École des Hautes Études en Sciences Sociales, Paris, France

Prof. Dr. Rivka Feldhay, The Cohn Institute for the History and Philosophy of Science and Ideas, Faculty of Humanities, Tel Aviv University, Israel

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Prof. Dr. Jürgen Mittelstraß, Philosophische Fakultät, Fachgruppe Philosophie, Universität Konstanz, Germany

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Board of Directors

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Prof. Dr. Lorraine Daston, Director of Department II: Ideals and Practices of Rationality

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Independent Research Groups

History and Philosophy of Chemistry and Biochemistry, directed by *PD Dr. Ursula Klein*

Experimental History of Science, directed by *Dr. H. Otto Sibum*

Max Planck Society Research Fellowship for Outstanding Woman Scholars

Dr. Emma Spary

The Institute's Research Scholars

Beurton, Peter J. (Dipl. 1968 [biology], Dr. rer. nat. 1973 [biology], Dipl. 1977 [philosophy] Humboldt-Universität zu Berlin, habil. phil. 1987 [philosophy] Universität Potsdam); research scholar Akademie der Wissenschaften der DDR (1972–1991); research scholar Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1991–1994); research strategies in biological evolutionary theory; modern Darwinism and the philosophy of science (E. Mayr, K. Popper, T. S. Kuhn); genetics, population genetics, the biological species, and reductionism. Held lectures at universities in Tel Aviv and Jerusalem. At the Institute since September 1994.

Büttner, Jochen (Dipl. 1997 [physics] Freie Universität Berlin); history of early modern mechanics.

Held lectures at the Academy Colloquium *The Reception of the Galilean Science of Motion in Europe* in Amsterdam, at the Boston Colloquium *Max Planck and the Quantum*, and at the conference *Digital Resources for the Humanities* in Sheffield. At the Institute since January 1998.

Castagnetti, Giuseppe ([philosophy and history] University of Milano); research scholar Max Planck Institute for Human Development and Education, working group Albert Einstein (1990–1995); research scholar Einstein Papers project, The Collected Papers of Albert Einstein, Boston (1989–1996); history of institutions of physics in the 20th century; political and social context of Albert Einstein's activities in Berlin. At the Institute since October 1997.

Damerow, Peter (Dr. 1977 [mathematics] Universität Bielefeld, habil. 1994 [philosophy] Universität Konstanz); Max Planck Institute for Human Development and Education: history of science and education, genesis of writing and arithmetic, individual and historical development of cognition, mathematical modeling in the sciences. At the Institute since January 1997.

Daston, Lorraine (A.B. 1973 Harvard University, Dipl. 1974 University of Cambridge, Ph.D. 1979 [history of science] Harvard University); assistant professor Harvard University (1980–1983) and Princeton University (1983–1986); Dibner Associate Professor Brandeis University (1986–1989); professor Georg-August-Universität Göttingen (1990–1992); professor University of Chicago (1992–1995); history of probability and statistics (16th–19th centuries); history of forms of scientific evidence and objectivity (16th–20th centuries).

Held plenary lecture at the *Annual Meeting of the History of Science Society* in San Diego and further lectures at universities and other academic institutions in Berlin, Braunschweig, Cambridge (UK), Cambridge (USA), Chicago, Heidelberg, London, Los Angeles, Lyon, New York, Potsdam, Princeton, Providence, San Diego, and Vienna. At the Institute since July 1995.

Dierig, Sven (Dipl. 1990 [biology], Dr. rer. nat. 1995 [neurobiology] Universität Konstanz); postdoctoral fellow Universität Konstanz (1995–1997); history of laboratory physiology in connection with history of technology and urban history; the “Virtual Laboratory for Physiology” (A project in digitalising the history of experimentation in nineteenth-century life sciences). At the Institute since July 1997.

Dörries, Matthias (Dr. rer. nat. 1989 Freie Universität Berlin, habil. 1998 [history of science] Ludwig-Maximilians-Universität München); research scholar, Office for the History of Science and Technology, University of California at Berkeley (1989–1990); research scholar, Centre de recherche en histoire des sciences et des techniques, Paris (1991–1993); research scholar, Forschungsinstitut für Technik- und Wissenschaftsgeschichte, München (1993–1998); associate professor, Université Louis Pasteur (Strasbourg I) (1999–): history of the physical sciences (18th to 20th centuries); history of science in France (18th to 20th centuries).

Held a lecture at the *History of Science Society Meeting* in Vancouver, and further lectures at universities and other academic institutions in Cambridge (UK), Berlin, and San Francisco. At the Institute since January 1999.

Hagner, Michael (Staatsexamen 1986 [medicine], Dr. med. 1987 Freie Universität Berlin, habil. 1994 [history of medicine] Georg-August-Universität Göttingen); research scholar and postdoctoral fellow Freie Universität Berlin (1986–1989); research scholar Medizinische

Universität Lübeck (1989–1991) and Georg-August-Universität Göttingen (1991–1995); Heisenberg Fellow (1995–1996); visiting professor University of Salzburg (1998); Simon Silverman Visiting Professor Tel Aviv University (1999); visiting professor University of Frankfurt/Main: history of epistemic objects in the neurosciences and in teratology (18th–20th centuries); history of experimental cultures (18th–20th centuries).

Held lectures at the conferences *INTERFACE V* in Hamburg and *Anthropologie und Kunst um 1800* in Giessen, at the public lecture series *Zentrale Forschungsthemen in der Entwicklung der Naturwissenschaften*, Universität and ETH Zürich, and further lectures at universities and other academic institutions in Berlin, Freiburg, Halle and Zürich. At the Institute since January 1997.

Heesen, Anke te (Dipl. 1990 [cult. pedagogy] Universität Hildesheim, Dr. phil. 1995 [aesthetics and communication] Universität Oldenburg); Walther Rathenau Fellowship for the History of Science (1994–1995); research scholar at the Forschungszentrum Europäische Aufklärung (1996–1997); research scholar at the Deutsche Hygiene-Museum Dresden (1998–1999): history of visualization and education (18th century); material representation of knowledge (18th–19th centuries).

Held lectures at the conference *Der Methodenbegriff im 18. Jahrhundert – Konzepte und Erwartungen* in Zürich, at the *Fourth British-North American Joint Meeting of the BSHS, CSHPS, and HSS* in St. Louis (USA), and further lectures at universities and other academic institutions in Cambridge (UK) and Florenz. At the Institute since October 1999.

Hoffmann, Dieter (Dipl. 1972 [physics], Dr. phil. 1976 Humboldt-Universität zu Berlin, Dr. habil. 1989 [history of science] Humboldt-Universität zu Berlin); research scholar Akademie der Wissenschaften der DDR (1976–1991); research scholar Physikalisch-Technische Bundesanstalt (1991–1992); research scholar Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1992–1995); Guest Professor Humboldt-Universität zu Berlin (WS 1996/97), since 1997 there Privatdozent. History of physics in the 19th and 20th centuries, esp. institutional and experimental history of quantum theory and modern metrology; history of science in the GDR.

Held lectures at the conferences *The Foundations of Quantum Physics before 1935* in Berlin, and *Remigration* in Potsdam, at the *Boston Colloquium for the Philosophy of Science*, and further lectures at universities and other academic institutions in Bad Honnef, Berlin and Oxford. At the Institute since December 1995.

Jansen, Sarah (B.Sc. 1981 [biology] McGill University, Dr. phil. 1997 [history] Technische Universität Braunschweig); researcher Deutscher Bundestag (1983–1985); free-lance writer and independent scholar (1986–1991); instructor at the Universities of Giessen, Kassel, Braunschweig and Paderborn (1990–1997); visiting scholar Harvard University (1995); postdoctoral fellow Max Planck Institute for the History of Science (1997–1998): history of the life sciences, particularly environmental sciences and population sciences; gender studies; history of objects in science and politics since 1800. Visiting scholar at the University of Cambridge (Sept.–Dec. 2000).

Held lectures at the Einstein Forum's conference *Mikrostrukturen des Wissens* in Potsdam, at the Institute's workshop *Pure Science and its Impurities*, at the *Joint Conference of the Society of Social Studies of Science and the European Association of Science and Technology Studies (4S/EASST)* in Vienna, at the *Centennial Conference of the International Council for the Exploration of the Seas* in Helsinki, at the *History of Science Society* in Vancouver, and at the universities of Cambridge, Manchester, Oxford Brookes, East Anglia and Oslo. At the Institute as a research scholar since 1999.

Kant, Horst (Dipl. 1969 [physics], Dr. rer. pol. 1973 [history & philosophy of science] Humboldt-Universität zu Berlin); research scholar Humboldt-Universität zu Berlin (1973–1978); research scholar Akademie der Wissenschaften der DDR (1978–1991); research scholar Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1992–1995): history of physics in the 19th and 20th centuries, esp. institutional and social aspects; history of radioactivity and nuclear physics; development of physics in Berlin.

Held lectures at universities and other academic institutions in Berlin and Wrocław. At the Institute since October 1995.

Klein, Ursula (Dr. phil. 1993, habil. 2000 [philosophy] Universität Konstanz); Postdoctoral fellow Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1993–1995); research scholar Max Planck Institute for the History of Science (1995–1997); visiting scholar Harvard University (1996–1998); visiting scholar Dibner Institute (1997–1998); philosophy of science; history of laboratory sciences; the history of chemistry.

Held lectures at the universities of Konstanz and Darmstadt. At the Institute as director of an independent research group since July 1998.

Küttler, Wolfgang (Dipl. 1958 [history] Friedrich-Schiller-Universität Jena, Dr. phil. 1966 Universität Leipzig, Dr. sc. 1976, Professor 1978 [history] Akademie der Wissenschaften der DDR); research scholar (1958–1967) Friedrich-Schiller-Universität Jena and Universität Leipzig; research scholar (1967–1974), head of department (1974–1990), director (1990–1991) Zentralinstitut für Geschichte der Akademie der Wissenschaften der DDR; visiting professor Humboldt-Universität zu Berlin (1981–1990); research scholar Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1992–1995); theory, methodology and history of historical science; Marxist theory of history; Max Weber research.

Held lectures at various institutions in Berlin, Leipzig, and Jena. At the Institute from October 1995 to April 2001.

Lefèvre, Wolfgang (Dr. phil. 1971 [philosophy], habil. 1977 [philosophy in connection with history of science] Freie Universität Berlin, apl. Professor Freie Universität Berlin [philosophy]); 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). At the Institute since July 1994.

Mendelsohn, John Andrew (A.B. 1989 [history & science] Harvard University, M.A. 1991 Princeton University, Ph.D. 1996 [history] Princeton University); Mellon Fellow in the Humanities (1989–1994); assistant in instruction Princeton University (1991–1992); international doctoral research fellow Social Science Research Council (1992–1993); postdoctoral research fellow Max Planck Institute for the History of Science, Berlin (1995–1996); Simon Silverman Visiting Professor Tel Aviv University (1998); life and medical sciences in social context since 1800. Lecturer in the History of Science and Medicine, Imperial College, University of London (from September 2000). Held lectures at the the Institute's conference *Science and the City* (co-organizer), and further lectures at universities in Oxford and Berlin. At the Institute as research scholar from January 1997 to August 2000.

Müller-Wille, Staffan (Dipl. 1992 [palaeontology] Freie Universität Berlin, Dr. 1997 [philosophy] Universität Bielefeld); postdoctoral fellow Max Planck Institute for History of Science (1998); curator at the Deutsches Hygiene-Museum Dresden (1998–2000); history and philosophy of taxonomy; history and epistemology of genetics and anthropology.

Held a lecture at the *3rd International Laboratory for the History of Science* in Tel Aviv and further lectures at universities and other academic institutions in Dresden and Berlin. At the Institute since December 2000.

Pietsch, Annik (Diplom 1988 [biochemistry] Freie Universität Berlin, B.A. 1990 [history of art] Technische Universität Berlin); collaborator CNRS, Centre de Recherches sur la Conservation des Documents Graphiques (1990), collaborator Louvre, Laboratoire de Recherche des Musées de France (1990–1991); Leader of the conservation analytical laboratory in the central restauration workshops of the Westfälisches Museumsamt (1992–1999); Ph. D. student [art history], Freie Universität Berlin: Binding Media. Painting Techniques in Art, Science, and Industry in 18th and 19th Century Germany. At the Institute since July 1999.

Potthast, Thomas (Dipl. 1993 [biology] Universität Freiburg, Dr. rer. nat. 1998 [biology] Universität Tübingen); postgraduate fellow and research scholar Zentrum für Ethik in den

Wissenschaften der Universität Tübingen 1994–1998; history, epistemology, and ethics of evolutionary biology, ecology, and nature conservation.

Held lectures at the Department of Philosophy, University of Guelph (Ontario), at a workshop of the Gesellschaft für Ökologie in Reichenow (near Berlin), at a DFG Colloquium at the University of Münster, and at the Akademie für Natur und Umwelt des Landes Schleswig-Holstein.

Organized a session and lectured at the *Jahrestagung der Deutschen Gesellschaft für Geschichte und Theorie der Biologie* in Neuburg/Donau; further lectures at the Universities of Tübingen, Halle, and Konstanz. Taught graduate courses at the Free University of Berlin and at the University of Freiburg. At the Institute since September 1998.

Ramberg, Peter J. (B. Chem. 1984, University of Minnesota, M.S. [organic chemistry], M.A. [history and philosophy of science], Ph.D. 1993 [history of science] Indiana University); Visiting Professor (1993–1995) and Senior Lecturer (chemistry, 1997–1999), Johns Hopkins University; visiting professor (chemistry), Ohio University (1996–1997); visiting professor (chemistry), North Dakota State University (1995–1996): 19th century organic chemistry and stereochemistry; history and philosophy of chemistry.

Held lectures at the *Meeting of the Society for the History of Alchemy and Chemistry* in London and at the *History of Science Society Annual Meeting* in Vancouver. At the Institute since September 1999.

Renn, Jürgen (Dipl. 1983 [physics] Freie Universität Berlin, Dr. rer. nat. 1987 [mathematics] Technische Universität Berlin); collaborator and co-editor of *Collected Papers of Albert Einstein* (1986–1992); assistant, since 1993, associate professor (Boston University (1989–1993); Simon Silverman Visiting Professor (history of science) Tel Aviv University (1993); visiting professor (philosophy) ETH Zürich (1993–1994); adjunct professor Boston University (since 1994); honorary professor (history of science) Humboldt-Universität zu Berlin (since 1995): history of early modern mechanics, history of relativity theory; interaction between cognitive and contextual factors in the history of science.

Held lectures at the inauguration of the exhibition *Homo Faber, Science, Technology and Nature at the Time of Pompeii* in Munich and at the conferences *Max Planck and the Quantum* in Boston, *Mathematics and Physics 1900–1930* in Oberwolfach, *The Reception of the Galilean Science of Motion in Europe* in Amsterdam, *Innovative Structures in Basic Research* in Ringberg and *Convergence and Diversity of European Sciences* in Brussels. At the Institute since March 1994.

Rheinberger, Hans-Jörg (M.A. 1973 [philosophy], Dipl. 1979 [biology], Dr. rer. nat. 1982, habil. 1987 [molecular biology] Freie Universität Berlin); research scholar Max Planck Institute for Molecular Genetics, Berlin (1982–1990); honorary professor (history of biology) University of Salzburg (1989); lecturer (history of science and medicine) University of Lübeck (1990–1994); visiting professor Georg-August-Universität Göttingen (1992–1993); ao. Univ. Prof. (molecular biology and history of science) University of Salzburg (1994–1996); honorary professor for history of science and technology at the Technische Universität Berlin (since 1998): history and epistemology of experimentation, history of the life sciences.

Held lectures at the workshop *Towards a More Developed Philosophy of Scientific Experimentation* in Amsterdam, at the workshop *Molecular Biology in Postwar Europe* in Annecy, at the workshop *Ganz normale Bilder: Zur visuellen Herstellung von Selbstverständlichkeiten im historischen Kontext* in Ascona, at the International Symposium *Literaturforschung und Wissenschaftsgeschichte* in Berlin, at the Conference *Developing a new dialogue* in Heidelberg, at the workshop *The Emergence of Markets for New Technologies of Health and Medicine: Interdisciplinary Perspectives* in Manchester, at the Colloquium *1900: Redécouverte des Lois de Mendel/Rediscovery of Mendel's Laws* in Paris, and further lectures at universities and other academic institutions in Berlin, Binghamton, Buffalo, Ghent, Konstanz, Marburg, München, Reykjavik and Zürich. At the Institute since January 1997.

Rieger, Simone (M.A. 1998 [linguistics and philosophy] Technische Universität Berlin); research project about optical chinese character recognition (Technische Universität Berlin); research

project about technical terminology and its pragmatics in engineering sciences (Technische Universität Berlin); history of early modern mechanics, linguistics and semiotics; genesis of technical terminology. At the Institute since February 1999.

Roesler-Friedenthal, Antoinette (M.A. 1994, Dr. phil. 1999 [art history] Freie Universität Berlin); research assistant British Museum London (1990–1991); research fellow Bibliotheca Hertziana (Max Planck Institute) Rome (1994–1999); research fellow Max Planck Institute for the History of Science (1999–2001); self-portraits and images of the artist in the Italian Renaissance; interactions between the art market and academic art history; time-related questions in the perception of works of art.

Held a lecture at the Conference *Wissenschaft zwischen Geld und Geist* in Berlin, session chair at the 30th International Congress of the *History of Art* in London. At the Institute since March 1999.

Schemmel, Matthias (Dipl. 1997 [physics] Universität Hamburg); history of general relativity, history of early modern mechanics.

Held lectures at the Boston Colloquium *Max Planck and the Quantum*, at the *Wissenschaftshistorischen Kolloquium* in Hamburg, at the conference *Mathematics and Physics 1900–1930* in Oberwolfach. At the Institute since January 1998.

Schmidgen, Henning (Dipl. 1990 [psychology], Dr. phil. 1996 [psychology], M.A. 1997 [philosophy] Freie Universität Berlin); history of experimental psychology and physiology (19th–20th centuries); virtual reconstruction of experimental cultures between science, technology and art. At the Institute since March 1997.

Schoepflin, Urs (Dipl. 1975 [sociology] Freie Universität Berlin); director of library: scientific information systems, scientific communication, sociology and history of science, scientometrics. Held lectures at the Humboldt-Universität zu Berlin. At the Institute since September 1994.

Schüller, Volkmar (Dr. rer. nat. 1972 [physics] Universität Greifswald); research assistant Universität Greifswald (1972–1976); research scholar Akademie der Wissenschaften der DDR (1979–1991); research scholar Forschungsschwerpunkt für Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1992–1994); history of mathematics and physics (16th and 17th centuries). At the Institute since September 1994.

Sibum, H. Otto (Dr. rer. nat. 1989 [physics] Carl von Ossietzky Universität Oldenburg); research scientist Department of Physics, Universität Oldenburg (1989–1990); research associate (1991–1993); senior research associate (1994–1995) and affiliated research scholar (since 1996) University of Cambridge; research scholar (1995–1998) and director of an independent research unit (since October 1998) at the Max Planck Institute for the History of Science, Berlin: history of physical sciences (17th–20th centuries); history of experimentation, skill and nonliteral forms of knowledge transmission (17th–19th centuries).

Held lectures at the conference *Experimentalforschung um 1800*, Friedrich-Schiller-Universität Jena and the *History of Science Society Annual Meeting*, Vancouver and further lectures at universities and other academic institutions in Braunschweig and Cambridge (UK). At the Institute since October 1995.

Spary, Emma (B.A. 1988 [natural sciences] University of Cambridge, Ph. D. 1993 University of Cambridge); research fellow, Girton College, Cambridge (1992–1995); Warwick Research Fellow, University of Warwick (1995–1998); history of natural history (late 17th–early 19th centuries); history of agriculture (18th century); history of the sciences of food (18th–early 19th centuries). At the Institute since July 1998.

Steinle, Friedrich (Dipl. 1982 [physics], Dr. rer. nat. 1990 [history of science] Universität Tübingen, Privatdozent 2000 [history and philosophy of science] Technische Universität Berlin); research scholar Georg-August Universität Göttingen (1990–1995), research fellow Maison des Sciences de l'Homme, Paris (1994–1995), research grant Deutsche Forschungsgemeinschaft (1996–1997), research fellow Dibner Institute for History of Science and Technology (MIT), Cambridge, USA (1998–1999); early modern natural philosophy; history of physics (17th–19th centuries); philosophy of science; history and philosophy of experimentation.

Held lectures at the workshop *Theories, Technologies, Instrumentalities of Colour: Historiographic and Anthropological Perspectives* in Leuven, the *Third International History of the Philosophy of Science Conference (HOPOS 2000, Vienna)*, the workshop *Wissensformen, Begriffe und Methoden im 17. Jahrhundert, ihre historischen Bedingungen und sozialen Wirkungen* in Frankfurt/Main, the *Joint Atlantic Seminar in the History of the Physical Sciences (JASHOPS 2000, Pittsburgh)*, and at the Technische Universität Berlin. At the Institute from October 1997 to March 1998 and since August 1999.

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); maître-assistant University of Geneva (1989–1990); assistant professor of psychology and humanities and adjunct professor of history University of New Hampshire (1990–1992); maître-assistant (1992–1994) and maître d'enseignement et de recherche University of Geneva (1994–1997); Guggenheim fellow (1995); Athena fellow Swiss National Science Foundation (1997–2000); visiting scholar Department of the History of Science, Harvard University (1998–1999); visiting scholar Max Planck Institute for the History of Science (1999–2000); history of psychology (16th–20th centuries); history of the body and personal identity; scientific biography; historiography; science and religion.

Held lectures at meetings and academic institutions in Europe, North America, South America, and the Middle East. At the Institute as research scholar since September 2000.

Vogt, Annette (Diplom 1975, Dr. rer. nat. 1986 [mathematics] Karl Marx University Leipzig); research scholar at the Akademie der Wissenschaften der DDR, Berlin (1975–1991); research scholar and coordinator Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1992–1994); since September 1994 research scholar Max Planck Institute for the History of Science: history of mathematics, esp. history of mathematics in Germany, in the 19th and 20th centuries; history of the relationships between Russia/Soviet-Union and Germany in the 19th and 20th centuries in sciences and mathematics; history of Jewish scientists in Germany; history of women scientists in the 19th and 20th centuries.

Held lectures at the *10. Schweizerische Historikerinnentagung Geschlecht und Wissen* in Fribourg (Switzerland), the conference *The Work of Science* in Berlin and on the symposium *Genetics in Russia and Germany* in Berlin, and further lectures at universities and other academic institutions in Berlin and Munich. At the Institute since September 1994.

Wahsner, Renate (Dipl. 1961, Dr. phil. 1966 [philosophy] Humboldt-Universität zu Berlin, Dr. sc. 1978 [philosophy] Akademie der Wissenschaften der DDR, professor 1987 [history of science] Akademie der Wissenschaften der DDR); research scholar Humboldt-Universität zu Berlin (1963–1970); research scholar Akademie der Wissenschaften der DDR (1974–1991); research scholar Forschungsschwerpunkt Wissenschaftsgeschichte und Wissenschaftstheorie, Berlin (1992–1995); professor Universität Potsdam (1995): history of philosophy in connection with history of science; systematical relations between philosophy and natural science; epistemological fundamentals and problems of physics; German idealism; classical natural philosophy.

Held lectures at the conferences *Wissenschaftliches Festkolloquium anlässlich des 60. Geburtstages von Prof. Dr. Horst-Heino v. Borzeszkowski, veranstaltet vom Institut für Theoretische Physik der TU Berlin und dem Verein zur Förderung der physikalischen Grundlagenforschung* in Berlin, *Advances in the Interplay between Quantum and Gravity Physics* in Erice, *Die Welt als Konstruktion? Anfragen an konstruktivistische Theorien* in Wuppertal, *Hegels Phänomenologie des Geistes. XXIII. Kongreß der Internationalen Hegel-Gesellschaft* in Zagreb and further lectures at universities and other academic institutions in Berlin and Halle. At the Institute since October 1995.

Weinig, Paul (Dr. phil. 1994 [German philology] Johann Wolfgang Goethe-Universität Frankfurt/Main); teacher at the Goethe-Institut Frankfurt/Main (1991–1995): history of medieval mechanics in Arabic and Latin sciences; history of humanism in Germany (1400 to 1600); science and history of medieval manuscript-writing; history and methodology of language teaching (DaF). At the Institute since November 1995.

Wintergrün, Dirk (Dipl. 1998 [physics] Technische Universität Berlin): history of analytical mechanics in the 18th century especially the work of Leonhard Euler; A. Einstein's lectures at the University of Berlin. At the Institute since January 2000.

Visiting Scholars and Research Fellows

Prof. Dr. Mohamed Abattouy (Visiting Scholar, Université M. Ben Abdellah, Fes, Morocco, April 1 – April 30 and July 1– December 31, 2000)

Dr. Oscar Joao Abdounur (Lorenz Krüger Postdoctoral Research Fellow, Universidade de Sao Paulo, Sao Paulo, Brasil, October 1, 1999 – December 31, 2001)

Prof. Dr. Mitchell G. Ash (Visiting Scholar, University of Vienna, Austria, July 1 – August 31, 2000)

Dr. Carrie Asman (Postdoctoral Research Fellow, Humboldt-Universität zu Berlin, October 1, 1999 – June 30, 2000)

Daniela Barberis (Postdoctoral Research Fellow, October 15, 2000 – October 14, 2002)

Prof. Dr. David Bloor (Visiting Scholar, University of Edinburgh, February 1 – March 31, 2000)

Prof. Dr. István Bodnar (Visiting Scholar, Loránd Eötvös University, Budapest, Hungary, January 1, 2000 – April 30, 2001)

Katja Bödeker (Predoctoral Research Fellow, Freie Universität Berlin, November 1, 1999 – October 31, 2001)

Dr. Cornelius Borck (Karl Schädler Postdoctoral Research Fellow, Institut für Wissenschafts- und Technikforschung, Universität Bielefeld, April 1, 1998 – March 31, 2001)

Prof. Dr. Marie-Noëlle Bourguet (Visiting Scholar, Université de Paris 7, France, May 1 – May 31, 2000)

Prof. Dr. Robert Brain (Visiting Scholar, Department of the History of Science, Harvard University, USA, January 1 – July 31, 2000)

Christina Brandt (Predoctoral Research Fellow, October 1, 1996 – March 31, 2000)

PD Dr. Sonja Brentjes (Visiting Scholar, Johann Wolfgang Goethe-Universität Frankfurt/Main, March 1 – September 30, 2000)

Prof. Dr. William H. Brock (Visiting Scholar, University of Leicester, UK, September 1 – September 30, 2000)

Dr. William Clark (Visiting Scholar, University of Cambridge, UK, October 1 – December 31, 2000)

Dr. Nani N. Clow (Postdoctoral Research Fellow, Harvard University, USA, September 1, 1999 – March 31, 2001)

Lucia Dacome (Lorenz Krüger Postdoctoral Research Fellow, Wolfson College, Cambridge, UK, October 1, 2000 – September 30, 2001)

Prof. Dr. Olivier Darrigol (Visiting Scholar, Equipe REHSEIS (UPR 318), Paris, France, March 29 – April 17, 2000)

Dr. John J. Dettloff (Postdoctoral Research Fellow, Smithsonian National Museum of American History, Washington, USA, July 1, 1999 – June 30, 2002)

Dr. Emmanuel Didier (Postdoctoral Research Fellow, September 1, 2000 – June 30, 2001)

Prof. Dr. Robert K. Englund (Visiting Scholar, University of California, Los Angeles, USA, November 21 – December 20, 2000)

Dr. Fa-ti Fan (Postdoctoral Research Fellow, University of Wisconsin-Madison, USA, September 1, 1999 – August 7, 2000)

Dr. Eric Francoeur (Postdoctoral Research Fellow, Centre de Sociologie de l'Innovation, École Normale Supérieure des Mines, Paris, France, May 1, 1999 – April 30, 2002)

Dr. Raymond Fredette (Visiting Scholar, Centre interuniversitaire de recherches sur la science et la technologie, Montreal, Canada, May 8 – June 30, 2000 and December 28, 2000 – May 30, 2001)

Prof. Dr. Gideon Freudenthal (Visiting Scholar, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Israel, July 24 – September 1, 2000)

- Dr. Eckhardt Fuchs* (Postdoctoral Research Fellow, Deutsches Historisches Institut Washington, January 1, 2000 – August 31, 2001)
- Brian Fuchs* (Postdoctoral Research Fellow, Yale University, New Haven, USA, November 15, 1999 – December 31, 2001)
- Dr. Jean-Paul Gaudillière* (Visiting Scholar, Centre de Recherche Médecine, Science, Société (CERMES – INSERM), Paris, France, September 1, 2000 – July 31, 2001)
- Prof. Dr. Alfred Gierer* (Visiting Scholar, Max-Planck-Institut für Entwicklungsbiologie, Tübingen October 1 – October 30, 2000)
- Prof. Dr. Hubert Goenner* (Visiting Scholar, Universität Göttingen, December 1, 2000 – February 28, 2001)
- Dr. Birgit Griessecke* (Postdoctoral Research Fellow, August 1, 1999 – July 31, 2002)
- Dr. Karl Hall* (Postdoctoral Research Fellow, July 1, 1999 – July 31, 2000)
- Dr. Michael Hau* (Schloßmann Postdoctoral Research Fellow, University of Iowa, USA, February 1, 1999 – January 31, 2001)
- Sabine Höhler* (Postdoctoral Research Fellow, July 1, 1999 – June 30, 2002)
- Dr. Veronika Hofer* (Visiting Scholar, July 17 – August 30, 2000)
- Dr. Christoph Hoffmann* (Karl Schädler Postdoctoral Research Fellow, Europa-Universität Viadrina Frankfurt/Oder, April 1, 1998 – March 31, 2001)
- Dr. Giora Hon* (Visiting Scholar, Department of Philosophy, University of Haifa, Israel, June 19 – September 23, 2000)
- Prof. Dr. Blahoslav Hruška* (Visiting Scholar, The Oriental Institute, Czech Academy of Science and Charles University, Prague, Czech Republic, August 1 – August 31, 2000)
- Marion Hulverscheidt* (Predoctoral Research Fellow, Georg-August-Universität Göttingen, May 1, 1998 – March 31, 2000)
- Dr. David Hyder* (Postdoctoral Research Fellow, September 1, 1998 – June 30, 2000)
- Prof. Dr. Myles W. Jackson* (Visiting Scholar, Department of History, University of Chicago, USA, December 1, 1999 – August 20, 2000)
- Dr. Michel Janssen* (Postdoctoral Research Fellow, University of Minnesota, USA, May 20 – June 28, 2000)
- Dr. Elke Kazemi* (Postdoctoral Research Fellow, University of Konstanz, October 1, 1999 – March 31, 2000)
- Dr. Jens Lachmund* (Schloßmann Postdoctoral Research Fellow, February 1, 1999 – January 31, 2001)
- Dr. Hannah Landecker* (Postdoctoral Research Fellow, October 1, 1999 – September 30, 2001)
- Dr. Manfred Laubichler* (Postdoctoral Research Fellow, Princeton University, USA, June 1 – July 31, 2000)
- Ilaria Lo Tufo* (Postdoctoral Research Fellow, University of Cambridge, UK, July 1 – December 31, 2000)
- Dr. Sarah Lowengard* (Postdoctoral Research Fellow, State University of New York, USA, April 15, 1999 – April 14, 2000)
- Dr. Carmen Loza* (Postdoctoral Research Fellow, École des Hautes Études en Sciences Sociales, Paris, France, October 1, 1998 – March 31, 2000 and September 1, 2000 – December 31, 2001)
- Dr. Abigail Lustig* (Postdoctoral Research Fellow, Centre des Recherches en Histoire des Sciences, La Villette, Cité des Sciences et de l'industrie, France, September 1, 1999 – August 31, 2001)
- Andreas Mayer* (Postdoctoral Research Fellow, November 1, 2000 – October 31, 2002)
- Dr. David McGee* (Postdoctoral Research Fellow, September 1, 1999 – February 28, 2001)
- Dr. Maureen McNeil* (Visiting Scholar, Lancaster University, UK, October 1 – December 31, 2000)
- Dr. Alexandre Métraux* (Visiting Scholar, Otto-Selz-Institut, University of Mannheim, March 1 – May 31, 2000)
- Prof. Dr. Gregg Mitman* (Visiting Scholar, University of Oklahoma, USA, September 1, 1999 – June 30, 2000)

- Dr. Monika Mommertz* (Postdoctoral Research Fellow, Berlin-Brandenburgische Akademie der Wissenschaften, July 1 – December 31, 2000)
- Dr. Michelle Murphy* (Postdoctoral Research Fellow, Cornell University, Ithaca, USA, September 1, 1999 – August 31, 2001)
- Prof. Dr. Laura Otis* (Visiting Scholar, Alexander-von-Humboldt-Stiftung, Hofstra University, Hempstead, USA, September 1, 2000 – August 31, 2002)
- Ohad Parnes* (Postdoctoral Research Fellow, The Lester and Sally Entin Faculty of Humanities, School of History, Tel Aviv University, Israel, October 1 – December 31, 2000)
- Denise Phillips* (Predoctoral Research Fellow, Harvard University, Cambridge, USA, September 1 – November 30, 2000)
- Prof. Dr. Andrew Pickering* (Visiting Scholar, University of Illinois at Urbana, Champaign, USA, June 5 – August 10, 2000)
- Prof. Dr. Claudio Pogliano* (Visiting Scholar, European University, Institute at Florence, Italy, August 1 – August 31, 2000)
- Dr. Hans Pols* (Rathenau Postdoctoral Research Fellow, Department of the History of Science, Harvard University, USA, May 1 – August 31, 2000)
- Dr. Marcus Popplow* (Postdoctoral Research Fellow, October 1, 1997 – September 30, 2001)
- Dr. Matthew W. Price* (Postdoctoral Research Fellow, Cornell University, Ithaca, USA, September 1, 1999 – August 31, 2001)
- Prof. Dr. Robert Proctor* (Visiting Scholar, The Pennsylvania State University, USA, June 1, 1999 – June 22, 2000)
- Dr. Helmut Puff* (Visiting Scholar, University of Michigan, USA, September 1, 1999 – June 30, 2000)
- Dr. Ulf von Rauchhaupt* (Reimar-Lüst-Postdoctoral Research Fellow, October 1, 1998 – November 30, 2000)
- Prof. Dr. Robert J. Richards* (Visiting Scholar, Fishbein Center for History of Science, The University of Chicago, USA, February 1 – June 30, 2000)
- Prof. Dr. Londa Schiebinger* (Visiting Scholar, The Pennsylvania State University, USA, June 1, 1999 – June 30, 2000)
- Dr. Iris Schröder* (Postdoctoral Research Fellow, CERA-EHESS, Paris, October 1, 2000 – September 30, 2002)
- Dr. Jérôme Ségal* (Postdoctoral Research Fellow, Centre Marc Bloch, March 1, 1999 – August 31, 2000)
- René Sigrist* (Predoctoral Research Fellow, Université de Genève, Switzerland, October 1, 1999 – January 31, 2000)
- Dr. Skúli Sigurdsson* (Postdoctoral Research Fellow, November 23 – December 22, 2000)
- Prof. Dr. Svetlana Slapsak* (Visiting Scholar, Ljubljana Graduate School in Humanities, Slovenia, September 1 – December 31, 2000)
- Marianne Sommer* (Rathenau Postdoctoral Research Fellow, Collegium Helveticum, Zurich, Switzerland, October 1, 2000 – September 30, 2002)
- Dr. Richard Staley* (Postdoctoral Research Fellow, University of Wisconsin-Madison, USA, June 1, 1999 – August 31, 2000)
- Lukas Straumann* (Predoctoral Research Fellow, Universität Zürich, Switzerland, September 1, 2000 – April 30, 2001)
- Prof. Dr. Mikulás Teich* (Visiting Scholar, Robinson College, University of Cambridge, UK, October 1 – December 31, 2000)
- Matteo Valleriani* (Postdoctoral Research Fellow, University of Padua, Italy, October 15, 1998 – December 31, 2000)
- Bert van de Roemer* (Predoctoral Research Fellow, Kunsthistorisch Instituut Amsterdam, The Netherlands, October 1 – December 31, 2000)

Dr. Sara H. Vollmer (Postdoctoral Research Fellow, Dept. of Philosophy, University of Maryland, College Park, MD, USA, June 1, 1999 – December 31, 2000)

Till Wahnbaeck (Predoctoral Research Fellow, Oxford University, UK, October 1, 1999 – March 31, 2000)

Prof. Dr. Stephen J. Weininger (Visiting Scholar, Worcester Polytechnic Institute, Worcester, USA, May 15 – June 17, 2000)

Janina Wellmann (Predoctoral Research Fellow, Humboldt-Universität zu Berlin, July 1, 1999 – June 30, 2002)

Dr. Simon Werrett (Postdoctoral Research Fellow, University of Cambridge (UK), March 1, 2000 – August 31, 2002)

Dr. Paul Stuart White (Postdoctoral Research Fellow, Darwin Papers, University of Cambridge, UK, September 1 – December 31, 2000)

Gerhard Wiesenfeldt (Postdoctoral Research Fellow, Universität Hamburg, June 1, 1999 – April 30, 2001)

Falk Wunderlich (Predoctoral Research Fellow, January 1, 1999 – December 31, 2001)

Dr. Maria Yamalidou (Postdoctoral Research Fellow, September 1, 1999 – August 31, 2000)

Prof. Dr. Baichun Zhang (Visiting Scholar, Institute for History of Natural Sciences, Chinese Academy of Sciences, Beijing, China, November 1, 1999 – April 30, 2000)

Workshops and Conferences

5 – 9 January 2000: Perseus-Workshop

20 – 27 January 2000: Workshop on the Zürich Notebook

22 January 2000: Studientag Wissenschaftsgeschichte

21 – 22 March 2000: Homo Faber, Science, Technology and Nature at the Time of Pompeii (together with Deutsches Museum München)

19 – 30 June 2000: Working Group: The Moral Authority of Nature

21 – 22 June 2000: Workshop Reflection and Intervention

8 July 2000: Studientag Wissenschaftsgeschichte

13 – 15 July 2000: Workshop: Hauptsachen und Nebendinge – Pure Science and its Impurities

21 – 26 August 2000: Working Group: The Moral Authority of Nature

4 – 7 October 2000: Innovative Structures in Basic Research (Ringberg Symposium of the Max Planck Society)

16 – 18 November 2000: Wissenschaft zwischen Geld und Geist

1 – 3 December 2000: Science and the City

14 – 16 December 2000: The Foundations of Quantum Physics before 1935 (together with German Physical Society, IUHPS-DHS and European Physical Society)

18 – 19 December 2000: What's in a Line: Drawing as Intelligence and Intelligibility

The Institute's Colloquia

26 January 2000 *Gregg Mitman*: Hay Fever Holiday: Health, Leisure, and the Persistence of Place

16 February 2000 *Londa Schiebinger*: Human Experimentation: Slaves and Women in the Eighteenth Century

23 February 2000 *Robert J. Richards*: The Linguistic Creation of Man: the Romantic Foundations of Darwinian Evolutionary Theory

8 March 2000 *Fritz Stern*: Et in Arcadia ego: Berlin zur Zeit Einsteins

5 April 2000 *Robert Rynasiewicz*: The Supposed Electron, or Whose Electron Did Thomson Discover?

19 April 2000 *Arthur I. Miller*: How Einstein Discovered the Equivalence Principle in 1907: Electromagnetism, Gravitation, Acceleration, Mass, and Mental Models

3 May 2000 *William Newman*: Die Abstammung des Männchens: The Homunculus and His Early History

17 May 2000 *Friedrich Steinle*: Exploring colours: Newton, Goethe and the experiment

31 May 2000 *Nani Clow*: The Indispensable Research Staff: Collaborative Experiment and Laboratory Culture in Liverpool, 1881–1900

14 June 2000 *Ursula Klein*: Styles of Experimenting – Limits of Local History

12 July 2000 *Andrew Pickering*: Scenes from the History of Cybernetics: Ross Ashby, Stafford Beer, and Gordon Pask

26 July 2000 *Ohad Parnes*: Experimenting cells. A chapter in the origins of the bio-medical sciences

9 August 2000 *Wolfgang Lefèvre*: Drawings in the Realm of Renaissance Engineers

23 August 2000 *Christoph Hoffmann*: Experimenting Reference. Two studies on scientific photography: Ernst Mach, 1865/1886

20 September 2000 *Henning Schmidgen*: Exploring Laboratory Landscapes, or What do we learn from published sources on sites of experimentation in 19th century life sciences?

4 October 2000 *John Dettloff*: Working to Rule: Chemical Quantification, Workshop Production, and Political Authority in Eighteenth-Century France

18 October 2000 *Marcus Popplow*: Models of machines: Challenging objects in the emergence of classical mechanics

1 November 2000 *Mikuláš Teich*: The 20th-Century. Scientific-Technical Revolution

15 November 2000 *Jan Golinski*: 'Weather, Fashions, News and the Like Publick Topicks': Meteorology and Modernity in the Eighteenth Century

12 Dezember 2000 *Árpád Szabó*: Vorgeschichte der griechischen Trigonometrie

Publications

Abattouy, Mohamed. "Al-Muzaffar al-Isfizari, 'alim mekaniki min al-quarnayn 5-6/11-12, mu'allif Irshad dhawi al-'irfan ila sina'at al-qaffan' [al-Muzaffar al-Isfizari a mechanician scholar of the 5th-6th/11th-12th centuries, author of "Guiding the learned men in the art of the steel-yard"]." In *Quelques aspects de l'évolution des idées scientifiques : Antiquité et Moyen Âge*, ed. Abdessalam Benmaïssa. 135-175. Rabat: Publications de la Faculté des Lettres Rabat-Agdal, 2000.

Abattouy, Mohamed. "The Aristotelian foundations of Arabic mechanics : IXth-XIIth centuries." In *The dynamics of Aristotelian natural philosophy*, eds. Christoph Luethy, Cees Leijenhorst, and Hans Thijssen. Leiden: Brill, in press.

Abattouy, Mohamed. "Greek mechanics in Arabic context: Thabit ibn Qurra, al-Isfizari and the Arabic traditions of Aristotelian and Euclidean mechanics." *Science in context* 14 (1/2 in press).

Abattouy, Mohamed and Paul Weinig, eds. *Intercultural transformation of scientific knowledge in the Middle Ages*. Special issue of "Science in Context" 14.2001 (1/2). in press.

Abattouy, Mohamed. "'Mechané' vs. 'hiyal' : essai d'analyse sémantique et conceptuelle." In *Al-khayal wa al-'ilm (Imagination and science)*, ed. Abdessalam Benmaïssa. 127-151. Rabat: Publications de la Faculté des Lettres Rabat-Agdal, 2000.

Abattouy, Mohamed. "'Nutaf min al-hiyal' : a partial Arabic version of Pseudo-Aristotle's 'Problemata mechanica'." *Early science and medicine* 6 (2 in press): 1-27.

Abattouy, Mohamed. "Review of: Hill, Donald R.: Studies in medieval Islamic technology : from Philo to al-Jazari - from Alexandria to Diyar Bakr. Ed. by David A. King. Aldershot [u.a.]: Ashgate 1998." *Middle East Studies Association bulletin* 34 (2000): 254-255.

Abattouy, Mohamed. "Sur quelques démonstrations grecques et arabes de la loi du levier : transmission et transformation." In *Aliyyat al-istidlal fi 'l-'ilm (The mechanics of scientific reasoning)*, ed. Abdessalam Benmaïssa. 7-43. Rabat: Publications de la Faculté des Lettres Rabat-Agdal, 2000.

Abattouy, Mohamed, Jürgen Renn, and Paul Weinig. "Transmission as transformation: The translation movements in the Medieval East and West in a comparative perspective." *Science in context* 14 (1/2 in press).

Abattouy, Mohamed. "La tradition arabe de la balance: Thabit Ibn Qurra et al-Khazini." In *Quelques aspects de l'évolution des idées scientifiques : Antiquité et Moyen Âge*, ed. Abdessalam Benmaïssa. 49-91. Rabat: Publications de la Faculté des Lettres Rabat-Agdal, 2000.

Abdounur, Oscar Joao. "História da relação matemática-música e construção de significados." In *Facetas do diamante*, ed. John Fossa. 205-240. Natal: Sociedade Brasileira de História da Matemática, 2000.

Abdounur, Oscar Joao. *Matemática e música : o pensamento analógico na construção de significados*. Coleção ensaios transversais ; 3, Sao Paulo: Editora Escrituras, 1999 (2000).

Abdounur, Oscar Joao. "Ratios and music in the late Middle Ages : a preliminary survey." In *Musique et mathématique à la Renaissance*, ed. Philippe Vendrix. Tours: Centre d'Etudes Supérieures de la Renaissance, in press.

Abdounur, Oscar Joao. "Theories of ratio and proportion in antiquity and musical harmony in the Middle Ages." *Textos de história e metodologia de matemática* 9 (in press).

Abdounur, Oscar Joao. "Theories of ratio and theoretical music : an educational approach." In *Proceedings of the HPM 2000 Conference History in Mathematics Education : challenges for the new millenium*, 83-93. Taipei: National Taiwan Normal Univ., 2000.

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Algazi, Gadi. "Bodily rites and social organization : Norbert Elias's process of civilization." *Zemanim – a historical quarterly* 70 (2000): 62-83.

Algazi, Gadi. "Pruning peasants : private war and maintaining the Lords, peace in late medieval Germany." In *Medieval transformations : texts, power and gifts in context*, eds. Esther Cohen and Mayke De Jong. 245-274. Leiden: Brill, 2000.

Ash, Mitchell G. "Emigration und Wissenschaftswandel als Folgen der nationalsozialistischen Wissenschaftspolitik." In *Geschichte der Kaiser-Wilhelm-Gesellschaft im Nationalsozialismus : Bestandsaufnahme und Perspektiven der Forschung*, ed. Doris Kaufmann. 610-631. Göttingen: Wallstein, 2000.

Ash, Mitchell G. "Internationalisierung und Entinternationalisierung der Wissenschaften im 19. und 20. Jahrhundert - Thesen." In *Zeitgeschichte.at : 4. Österreichischer Zeitgeschichtetag 1999*, eds. Manfred Lechner and Dietmar Seiler. 4-12. Innsbruck [u.a.]: Studien-Verlag, 2000.

Ash, Mitchell G. "Krise der Moderne oder Modernität als Krise? Stimmen aus der Akademie." In *Die Preußische Akademie der Wissenschaften zu Berlin 1914 - 1945*, eds. Interdisziplinäre Arbeitsgruppe Berliner Akademieggeschichte im 19. und 20. Jahrhundert, Wolfram Fischer, Rainer Hohlfeld, and Peter Nötzold. 121-142. Berlin: Akademie-Verlag, 2000.

Ash, Mitchell G. and Michael Hau. "Der normale Körper, seelisch erblickt." In *Gesichter der Weimarer Republik : eine physiognomische Kulturgeschichte*, eds. Claudia Schmölders and Sander L. Gilman. 12-31. Köln: DuMont, 2000.

Ash, Mitchell G. "Räume des Wissens - was und wo sind sie? Einleitung in das Thema." *Berichte zur Wissenschaftsgeschichte* 23 (2000): 235-242.

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Asman, Carrie Lee. "The alchemist in the kitchen, the artist in the laboratory." *Carla Guagliardi, Galeria Sergio Porto, Rio de Janeiro, Brasil (October 11-November 13, 2000)* (in press).

Asman, Carrie Lee. *Goethe's marvelous possessions : the collector and his circle*. Cambridge, Mass.: MIT Press, in press.

Asman, Carrie Lee. "Perilous pearls: paradigms of perfection and pathology." In *Dinge, Grenzen der Verfügbarkeit*, ed. Gisela Ecker. Königstein: Helmer, in press.

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Berger, Jutta. *Affinität und Reaktion : über die Entstehung der Reaktionskinetik in der Chemie des 19. Jahrhunderts*. Studien und Quellen zur Geschichte der Chemie ; 11, Berlin: Verlag für Wissenschafts- und Regionalgeschichte Engel, 2000.

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Beurton, Peter, Raphael Falk, and Hans-Jörg Rheinberger. "Introduction." In *The concept of the gene in development and evolution : historical and epistemological perspectives*, eds. Peter Beurton, Raphael Falk, and Hans-Jörg Rheinberger. IX-XIV. Cambridge: Cambridge Univ. Press, 2000.

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Beurton, Peter. "Theodosius Dobzhansky." In *Klassiker der Biologie*, eds. Ilse Jahn and Michael Schmitt. München: Beck, in press.

Beurton, Peter. "A unified view of the gene, or how to overcome reductionism." In *The concept of the gene in development and evolution*, eds. Peter Beurton, Raphael Falk, and Hans-Jörg Rheinberger. 286-314. Cambridge: Cambridge Univ. Press, 2000.

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Bodnár, István. "Review of Lang, Helen S.: The order of nature in Aristotle's physics : place and the elements. Cambridge: Cambridge University Press 1998." *Journal of the history of philosophy* 39 (1 in press): 133-135.

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Bodnár, István. "Theophrastus' De igne: Orthodoxy, reform and readjustment in the doctrine of elements." In *The opuscula of Theophrastus*, eds. Georg Wöhrle and William W. Fortenbaugh. Stuttgart: Steiner, in press.

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Borck, Cornelius. "Beiträge zu den Nobelpreisen für Medizin oder Physiologie der Jahre 1914 (Robert Bárány), 1924 (Willem Einthoven), 1944 (Joseph Erlanger, Herbert Gasser), 1961 (Georg von Békésy), 1967 (Ragnar Granit, Keffer Hartline, George Wald), 1970 (Julius Axelrod, Ulf von Euler, Bernhard Katz), 1981 (Roger Sperry, Dabid Hubel, Torsten Wiesel)." In *100 Jahre Nobelpreise*, ed. Brockhaus-Redaktion. Wiesbaden: Brockhaus, in press.

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