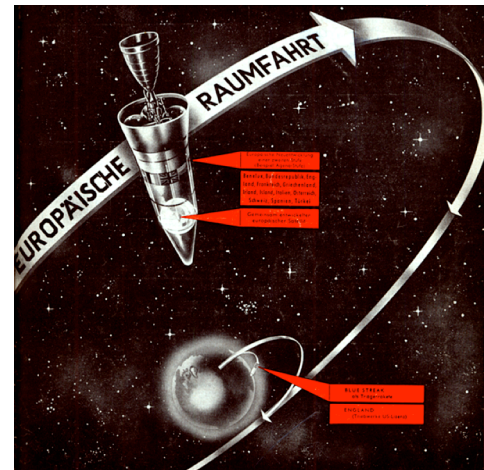


IMAGINING OUTER SPACE, 1900-2000

An International Conference

February 6-9, 2008

Organization: Alexander C.T. Geppert



– Speakers and Chairs –

Debbora Battaglia

Mount Holyoke College, South Hadley MA (USA)

Prof. Debbora Battaglia is a sociocultural anthropologist, specializing in the politics and poetics of identity, science, and religion in public culture. She is the editor of *E.T. Culture. Anthropology in Outerspaces* (2005) and of *Rhetorics of Self-Making* (1995), and the author of *On the Bones of the Serpent. Person, Memory and Mortality in Sabarl Island Society* (1990). She received her PhD from Cambridge University. Her honors include the John Simon Guggenheim Foundation Fellowship and the National Endowment for the Humanities Fellowship. She lives in Massachusetts, where she is Professor of Anthropology at Mount Holyoke College.

Peter Becker

Johannes-Kepler-Universität Linz (A)

Peter Becker is Professor of Modern and Contemporary History at Johannes-Kepler-Universität in Linz, Austria, and a Fellow of the ZiF-Research Group "Control of Violence" in Bielefeld. Before, he was a fellow of both the German Historical Institute in Washington and the Max-Planck-Institute of History in Göttingen and, until 2005, Professor of History at the European University Institute in Florence. His main research interests are in a cultural history of public administration (*Le charme discret du formulaire*, 2007), in the history of biological research on violence in postwar Europe, and in the history of criminology as discourse and practice (*Verderbnis und Entartung*, 2002).

Thore Bjørnvig

University of Copenhagen (DK)

Thore Bjørnvig is External Lecturer at the Department of Cross-Cultural and Regional Studies, University of Copenhagen. His main research interests are comparative studies in religion, theo-

retical and methodological issues in the study of religion, Tibetan Buddhism and language, Christianity, asceticism, mysticism, apocalypticism, millenarism, the influence of Buddhism on Danish literature in the 1960s and 1970s, evolution of – and connections between – culture and cognition, the cognitive study of religion, religious aspects of the search for extraterrestrial intelligence (SETI), connections between science and religion, connections between science fiction and religion, and religious aspects of space exploration and colonization. Secondary research interests include evolution of human species, evolution of consciousness, Shakespeare, modern Danish literature, Scandinavian Bronze Age, European Paleolithic religion, Egyptian, Greek and Roman religion, Gnosticism, religious aspects of the belief in UFOs, religion and cinema, religion and popular culture. MA thesis (2005): *Science, Apocalyptic, and the Quest for Meaning in the SETI Movement. An Examination of the Interfaces between Science Fiction, Religion, Science and the Search for Extraterrestrial Intelligence (SETI)*. His publications include: Metaphors and Asceticism. Asceticism as an Antidote to Symbolic Thinking, in: *Method and Theory in the Study of Religion. Journal for the North American Association for the Study of Religion* 19 (2007); Signalet fra det ydre rum. Religiøse forestillinger om ekstraterrestriale væsener i SETI-bevægelsen, in: *Chaos. Skandinavisk tidsskrift for religionshistoriske studier* 46 (2007) (= The Signal From Outer Space. Religious Conceptions of Extraterrestrial Beings in the SETI Movement); UFOer? Nej tak! Overmenneskeligt intelligente væsener fra det ydre rum? Ja tak!, in *Chaos. Skandinavisk tidsskrift for religionshistoriske studier* 47 (2007) (= UFOs? No Thanks! Superhuman Intelligent Beings from Outer Space? Yes Please!).

Thomas Brandstetter

Universität Wien (A)

Dr. Thomas Brandstetter has studied philosophy at Universität Wien and graduated in media studies at Bauhaus-Universität Weimar. He works as a lecturer at the Department of Philosophy at the University of Vienna. His research focuses on the historical epistemology of science and technology; currently, he is working on the history and philosophy of model experiments. Recent publications include: Der Staub und das Leben. Szenarien des nuklearen Winters, in: *Archiv für Mediengeschichte* 5 (2005); Herzpumpen. Wasserhebemaschinen um 1700 als Metaphern, Bilder und Strukturmodelle, in: *Wiener Zeitschrift zur Geschichte der Neuzeit* 7.1 (2007).

Ralf Bülow

Berlin (D)

Ralf Bülow was born in 1953 and studied computer science, mathematics and philosophy at Rheinische Friedrich-Wilhelms-Universität Bonn. He wrote his PhD thesis about intensional logics. During the 1980s he worked at the Deutsches Museum and its research institute in Munich, in the early 1990s he continued as a journalist for science and technology. Since 1996 Ralf Bülow has been participating in various exhibition projects about computers, spaceflight, astronomy and physics, including a major exhibition on Albert Einstein. He has written about science fiction history and recently re-issued a German utopian novel, Ri Tokko's "Automatenzeitalter", originally published in 1930. Since his youth Ralf Bülow is an incurable space buff and a moderate UFO believer.

Paul Ceruzzi

National Air and Space Museum, Washington DC (USA)

Dr. Paul E. Ceruzzi is Curator of Aerospace Electronics and Computing at the Smithsonian's National Air and Space Museum in Washington, DC. Dr. Ceruzzi received a BA from Yale University and PhD from the University of Kansas, both in American studies. Before joining the National Air and Space Museum, he was a Fulbright scholar in Hamburg, Germany, and taught History of Technology at Clemson University in Clemson, South Carolina. He is the author or co-author of several books on the history of computing and aerospace technology: *Reckoners. The Prehistory of The Digital Computer* (1983); *Smithsonian Landmarks in the History of Digital Computing* (1994); *A History of Modern Computing* (1998); and *Beyond the Limits. Flight Enters the Computer Age* (1989). He currently is working on several research projects: the emergence of private con-

tractors serving the U.S. Defense Department in the Washington, DC region, the emergence of the internet from its Defense Department origins, and the history of on-board spacecraft computing and navigation systems. Dr. Ceruzzi has curated or assisted in the mounting of several exhibitions at NASM, including “Beyond the Limits: Flight Enters the Computer Age,” “The Global Positioning System: A New Constellation,” “Space Race,” “How Things Fly,” and the James McDonnell Space Hangar of the Museum’s Steven F. Udvar-Hazy Center, at Dulles Airport. He is currently working on a new exhibit on space navigation, scheduled to open at the National Air and Space Museum in 2010.

Burghard Ciesla

Universität Potsdam/Universität der Künste Berlin (D)

Dr. Burghard Ciesla is *Privatdozent* for Contemporary History. He has studied history at Humboldt-Universität zu Berlin where he graduated in 1985. In 1990, he obtained his PhD in economic history, and completed his *Habilitation* at the Historical Institute, Universität Potsdam, in 2004. Since 2002 he has been working as a freelance historian for various science and media projects. His publications include more than 50 papers on German economic and social history – for instance on reparations, statistics, the history of innovation, consumption and transport – and history of science and technology, for example on rocket development and aerodynamics, the military-industrial-academic-complex and allied technology transfer after 1945. Burghard Ciesla is the author of *Als der Westen durch den Osten fuhr. Die Geschichte der Deutschen Reichsbahn in Westberlin* (2006) and co-author of *Die Pfeilflügelentwicklung in Deutschland bis 1945* (2006). He has also edited “*Freiheit wollen wir!*” *Der 17. Juni 1953 in Brandenburg* (2003) and *Technology Transfer Out of Germany After 1945* (co-ed., 1996).

Andreas W. Daum

State University of New York at Buffalo (USA)

Andreas Daum is Professor of History and Associate Dean of Undergraduate Education at the State University of New York at Buffalo. He received his Ph.D. from the University of Munich, where he taught as an assistant professor. Daum was a research fellow at the German Historical Institute in Washington, DC, and John F. Kennedy Fellow at the Center for European Studies at Harvard University. His research deals with modern German, European, and transatlantic history. He has published widely on the history of popular science, German *Bürgertum*, and German-American-relations. His publications include *Wissenschaftspopularisierung im 19. Jahrhundert. Bürgerliche Kultur, naturwissenschaftliche Bildung und die deutsche Öffentlichkeit, 1848-1914* (1998); *Kennedy in Berlin. Politik, Kultur und Emotionen im Kalten Krieg* (2003); *America, the Vietnam War and the World. Comparative and International Perspectives*, co-edited with Lloyd C. Gardner and Wilfried Mausbach (2003); and *Berlin – Washington, 1800-2000. Capital Cities, Cultural Representations, and National Identities*, co-edited with Christof Mauch (2005).

Peter Davidson

National Museums Scotland, Edinburgh (UK)

Peter Davidson is Curator of Minerals in the Department of Natural Sciences, National Museums Scotland (NMS) in Edinburgh. Born in Haddington, Scotland in 1955, he attended North Berwick High School. Before joining the Museum in 1975, he worked in a materials testing laboratory for a manufacturer of car components in Coventry, UK. He was hired as a museum curator for the Department of Geology and helped to establish and run the analytical facility. Peter Davidson graduated with a degree in Earth Sciences from the Open University in 1984. In 1999, he obtained a diploma in German, also from the Open University. As well as minerals, Peter Davidson has responsibility for the meteorite and building stones collections. The main areas of research interest are mineralogy, topographical mineralogy and the history of collections. He is currently researching a book on Scottish meteorites to be published jointly with a colleague at the Hunterian Museum in Glasgow. Mr Davidson’s main activity at present is the development of a new exhibition at the NMS called Earth in Space. This gallery will attempt to tell the story of the Earth within a context of the history of the Universe using multimedia displays and actual specimens.

Steven J. Dick

National Aeronautics and Space Administration, Washington DC (USA)

Steven J. Dick is the Chief Historian for NASA. He obtained his BS in astrophysics (1971), and MA and PhD (1977) in history and philosophy of science from Indiana University. He worked as an astronomer and historian of science at the U.S. Naval Observatory in Washington, DC. for 24 years before coming to NASA Headquarters in 2003. Among his books are *Plurality of Worlds. The Origins of the Extraterrestrial Life Debate from Democritus to Kant* (1982) (translated into French), *The Biological Universe. The Twentieth Century Extraterrestrial Life Debate and the Limits of Science* (1996), and *Life on Other Worlds* (1998), the latter translated into Chinese, Italian, Czech and Polish. His most recent books are (with James Strick) *The Living Universe. NASA and the Development of Astrobiology* (2004), and a comprehensive history of the U.S. Naval Observatory, *Sky and Ocean Joined. The U.S. Naval Observatory, 1830-2000* (2003). The latter received the Pendleton Prize of the Society for History in the Federal Government. He is also editor of *Many Worlds. The New Universe, Extraterrestrial Life and the Theological Implications* (2000), and (with Keith Cowing) *Risk and Exploration. Earth, Sea and Stars* (2005). His latest work is an edited volume (with Roger Launius) on *Critical Issues in the History of Spaceflight* (2006). Dr. Dick is the recipient of the Navy Meritorious Civilian Service Medal, the NASA Group Achievement Award for his role in NASA's multidisciplinary program in astrobiology, and the 2006 LeRoy E. Doggett Prize for Historical Astronomy of the American Astronomical Society. He has served as Chairman of the Historical Astronomy Division of the American Astronomical Society, as President of the History of Astronomy Commission of the International Astronomical Union, and as President of the Philosophical Society of Washington. He is a member of the International Academy of Astronautics.

Kerrie Anne Dougherty

Powerhouse Museum, Sydney (AUS)

Kerrie Dougherty is Curator of Space Technology at the Powerhouse Museum, Sydney, and Australia's only museum-based space curator, historian and educator. She combines a background in heritage management with a personal and professional interest in space exploration, science fiction and popular culture. Kerrie Dougherty developed the Powerhouse's *Space-Beyond This World* exhibition, a world-first when it opened in 1988, bringing together examples of the space technology of the USA, the former-USSR and the People's Republic of China, and has consulted on the development of space exhibitions in Australia and internationally. She has also curated major popular culture exhibitions and was part of the Powerhouse team that developed *Cyberworlds. Computers, Culture, Connections*, recipient of the Year 2000 Dibner Award for the presentation of the history of technology. Kerrie Dougherty's major research interests are in the history of Australian space activities, the use of space-related themes and images in popular culture, the depiction of space exploration in science fiction, and the utilization of space themes as an educational tool. She is a member of the Faculty of the International Space University, Strasbourg, France, and has lectured in 'space and society' studies for the ISU since 2001. The author of a number of scholarly and popular articles on space history, education and space and society, Kerrie Dougherty's publications include: *Space Australia*, the first overview history of Australia's involvement in space activities; *Living in Space*, a children's first reader; contributions to three science fiction reference books and, as editor, *History of Rocketry and Astronautics*.

De Witt Douglas Kilgore

Indiana University, Bloomington, IN (USA)

De Witt Douglas Kilgore is an Associate Professor of English and American and Cultural Studies at Indiana University. He holds an AB in Architecture from Washington University, St. Louis, MO (1980) and an MA and PhD in American Civilization from Brown University, Providence, RI. Professor Kilgore was a Mendenhall Fellow in American Studies at Smith College, Northampton, MA and has held research and teaching positions at the University of Arizona, Tucson, AZ and the Claremont Graduate University, Claremont, CA. His book, *Astrofuturism. Science, Race and Visions of Utopia in Space* (2003), is an incisive engagement with the science writing and science fiction produced by the modern spaceflight movement as its advocates sought ways to validate the social and cultural centrality of their project. Professor Kilgore's current research includes work on

popular narratives emerging from the search for extraterrestrial intelligence (SETI) and an investigation of the role science plays in validating the political and theological positions in Philip Pullman's *His Dark Materials*. Recent publications include "Queering the Coming Race: A Utopian Historical Imperative" in: Wendy Pearson, Veronica Hollinger and Joan Gordon (eds.): *Queer Universes. Sexuality in Science Fiction* (2008), and "C/SETI as Fiction: On James Gunn's *The Listeners*," in: Steven J. Dick and Roger D. Launius (eds.): *Societal Impact of Spaceflight* (2007).

Rainer Eisfeld

Universität Osnabrück (D)

Educated at the Universities of Heidelberg, Saarbrücken and Frankfurt am Main (PhD 1971). 1974-2006 Professor of Political Science, Universität Osnabrück, now emeritus. 1989 Volkswagen Foundation Research Grant. 1995 and 2000 Visiting Scholar at UCLA, 2005 University of Arizona. 2002 Visiting Professor UCLA. Member, Board of Trustees, Thuringian Foundation of Concentration Camp Memorials Buchenwald and Mittelbau-Dora. 2000-2006 Chair, International Political Science Association (IPSA) Research Committee on Socio-Political Pluralism. 2006 Elected to IPSA Executive Committee. Rainer Eisfeld's recent book publications include *Mondsüchtig. Werner von Braun und die Geburt der Raumfahrt aus dem Geist der Barbarei* (1996); *Political Science and Regime Change in 20th Century Germany* (with Michael Th. Greven and Hans-Karl Rupp) (1996); *Als Teenager träumten. Die magischen 50er Jahre* (1999); *Marsfieber* (with Wolfgang Jeschke) (2003); *Pluralism. Developments in the Theory and Practice of Democracy*, ed. (2006); *Streitbare Politikwissenschaft* (2006).

Alexander C.T. Geppert

Freie Universität Berlin/Harvard University, Cambridge MA (D/USA)

Alexander C.T. Geppert is Assistant Professor of Modern European History at Freie Universität Berlin and Feodor Lynen Fellow at Harvard University. He holds master degrees from The Johns Hopkins University and Georg-August-Universität Göttingen, and received a PhD from the European University Institute in Florence with a thesis on imperial expositions and urban space in *fin-de-siècle* London, Paris and Berlin. He has held various long-term fellowships at the Ecole des Hautes Etudes en Sciences Sociales in Paris, the German Historical Institute in London, the IFK Internationales Forschungszentrum Kulturwissenschaften in Vienna and the Kulturwissenschaftliches Institut (KWI) in Essen. Publications include five edited or co-edited volumes: *European Ego-Histoires. Historiography and the Self, 1970-2000* (2001); *Orte des Okkulten* (2003); *Esposizioni in Europa tra Otto e Novecento. Spazi, organizzazione, rappresentazioni* (2004); *Ortsgespräche. Raum und Kommunikation im 19. und 20. Jahrhundert* (2005); *New Dangerous Liaisons. Discourses on Europe and Love in the Twentieth Century* (2008), a forthcoming monograph, *Brief Cities. Imperial Expositions in Fin-de-siècle Europe* (2008) and, most recently, *Flights of Fancy. Outer Space and the European Imagination, 1923-1969*, in: Steven J. Dick and Roger D. Launius (eds.): *Societal Impact of Spaceflight* (2007). At present he is at work on his so-called *Habilitation*, a comprehensive history of outer space, Astrofuturism and extraterrestrial life in the European imagination of the twentieth century.

Henry Keazor

Johann-Wolfgang-Goethe-Universität Frankfurt am Main (D)

PD Dr. Henry Keazor studied art history, German literature, musical science and philosophy at Universität Heidelberg and completed his PhD thesis in 1996. Until 1999 he was fellow and Assistant Professor at the Institute of Art History in Florence, then Assistant Professor at the Institute of Art History at Johann-Wolfgang-Goethe-Universität in Frankfurt am Main. 2005 *Habilitation*, 2005/2006 Visiting Professor at the Institute of Art History in Mainz, since August 2006 Heisenberg-Fellow of the German Research Council (DFG). Research on French and Italian Painting of the 17th Century, especially Nicolas Poussin and the Carracci the relationship between art and media (especially concerning the cartoon series "The Simpsons"), music videos and contemporary architecture (Jean Nouvel). Publications include *Poussins Pargera* (1998), *'Il vero modo.'* *The Pic-*

torial Reform of the Carracci (2007) and, edited together with Thorsten Wübbena, *'Video thrills the Radio Star.' Musikvideos. Geschichte, Themen, Analysen* (2005).

Steffen Krämer

Ludwig-Maximilians-Universität München (D)

PD Dr. Steffen Krämer is External Lecturer at the Institute of Art History, Ludwig-Maximilians-Universität München. Studies in art history, classical archaeology, philosophy and prehistory in Frankfurt am Main, Heidelberg and München. 1991 MA thesis: *Das Aschaffenburg Schloss*; 1995 PhD thesis: *Die postmoderne Architekturlandschaft. Museumsprojekte von James Stirling und Hans Hollein*. 1995-2000 Assistant Lecturer at the Institute of Art History, Ludwig-Maximilians-Universität München; 2003-2007 Assistant Lecturer at the Hochschule für Gestaltung Karlsruhe. 2004 *Habilitation: Herrschaftliche Grablege und lokaler Heiligenkult. Architektur des englischen Decorated Style*. His research interests focus on medieval architecture, and architecture and urban development in the 19th and 20th century. Steffen Krämer's publications include: *Der entwürdigende Durst nach einer frevelhaften Stimulanz*, in: *Architectura. Journal of the History of Architecture* 1 (1995); *Wohnstadt-Trabantenstadt-Planungen für München*, in: Hilke Gesine Möller (ed.): *Reihe, Zeile, Block und Punkt. Wohnungen, Häuser, Siedlungen im Raum München* (1997); *Die postmoderne Architekturlandschaft. Museumsprojekte von James Stirling und Hans Hollein* (1998); as co-editor: *Münchner Moderne. Kunst und Architektur der Zwanziger Jahre* (2002); *Die architektonische Inszenierung einer herrschaftlichen Grablege. Der Chor Neubau der ehemaligen Stiftskirche in Bristol*, in: Carolin Behrmann, Arne Karsten and Philipp Zitzlperger (eds.): *Grab – Kult – Memoria. Studien zur gesellschaftlichen Funktion von Erinnerung* (2007); *Neuromancer, Tron, Matrix – Raumsimulationen im Cyberspace*, in: *Munitionsfabrik 17* (2007); *Herrschaftliche Grablege und lokaler Heiligenkult. Architektur des englischen Decorated Style* (2007).

Pierre Lagrange

Laboratoire d'Anthropologie et d'Histoire sur l'Institution de la Culture, CNRS, Paris (F)

Pierre Lagrange teaches sociology of sciences at the Paris Ecole des Mines (School of Mining), and is associate researcher at the CNRS (National Center for Scientific Research). He was a student at the Ecole des Hautes Etudes en Sciences Sociales (School for Advanced Studies in Social Sciences), where he obtained a DEA. He is specializing in the social study of controversies on 'parasciences' and in particular on UFOs. In 1992, he wrote with Bruno Latour a report on Parasciences for the Ministry of Scientific Research. In 1993, he served as editor for a special issue of the journal *Ethnologie française* (published by the *Société d'Ethnologie Française* and the CNRS) on sciences-parasciences controversies. In 2005, he participated in the writing of a report for the Public Library of Beaubourg on readers of esoteric literature. He has published several books, mostly on UFO controversies (in particular *La Rumeur de Roswell*, 1996). In 2005, he published a book on the Orson Welles Martian broadcast in 1938. Pierre Lagrange has contributed many articles both in scientific and popular journals and to collective works. Recent publications include a book chapter, *Diplomats Without Portfolios. The Question of Contact with Extraterrestrial Civilizations*, for a book edited by Bruno Latour (*Making Things Public*), and a chapter entitled *Close Encounters of the French Kind. The Saucerian Construction of Contacts and the Controversy over Its Reality in France*, for a book edited by Diana Tummunia, *Alien Worlds: Social and Religious Dimensions of Extraterrestrial Contact* (2007). In 2003, Pierre Lagrange authored the first tourist guide of planet Mars (*Sur Mars*). Since 2003, he has been invited by the National Space Center (CNES) to participate in discussions regarding its UFO project (GEIPAN) and he is a member of its college of experts. Pierre Lagrange has just obtained a grant from the CNRS to work on an interdisciplinary project on "public/scientific understanding of UFOs." He is currently working on a book on the relations between scientific practice and UFOs, and on another that describes the beginning of the controversy on "flying saucers" in 1947 in the United States.

Benjamin Lazier

Reed College, Portland OR (USA)

Benjamin Lazier is Assistant Professor of History and Humanities at Reed College in Portland, Oregon, where he teaches in the fields of European intellectual history, the history of religion, the history of social action movements, and the history of technology. He has recently completed a book called *Redemption Through Sin. Judaism and Heresy in Twentieth-Century Thought*. He is currently at work on a project on the theme of earth and artifact in twentieth-century thought, which he will pursue this year as a fellow at the Stanford Humanities Center.

William R. Macauley

University of Manchester (UK)

William R. Macauley is a doctoral candidate in the Centre for the History of Science, Technology and Medicine at the University of Manchester. His PhD research is on visual representation of scientific knowledge and interdisciplinary approaches to interstellar communication c. 1959–1977, with particular reference to NASA's *Pioneer* plaque and *Voyager* record. His current research interests include the history of representational practices in science, visual culture, design history, scientific research and cultural discourse on extraterrestrial intelligence, space exploration and communication technology. He was previously a postgraduate research student and Research Associate in the Department of Psychology at the University of Manchester and worked on sensorimotor coordination and phenomenology of presence in immersive virtual environments. His publications include a book chapter co-authored with Angel J. Gordo-Lopez: From Cognitive Psychologies to Mythologies. Advancing Cyborg Textualities for a Narrative of Resistance, in: C.H. Gray, H.J. Figueroa-Sarriera and S. Mentor (eds.): *The Cyborg Handbook* (1995).

Sven Mesinovic

European University Institute, Florence (I)

Sven Mesinovic, MA is a doctoral candidate at the European University Institute in Florence, Italy. His dissertation project deals with projects, visions and utopias of settling the oceans. He studied art history and history in Bamberg, Berlin and Pisa. In 2002, he received an MA from the Technische Universität, Berlin. He has published articles and essays on topics ranging from toy trains to architecture in various publications such as: *Die EisenbahnGeschichte* (2006); *Kultur, Gedächtnis, Politik. Berliner Kulturanalysen 1* (2006), and *Kunst- ein Kinderspiel* (2004). In addition to his doctoral work, Sven Mesinovic teaches history to highly talented students at the Deutsche Schüler-Akademie, supported by the German Federal Ministry of Education and Research, and conducts tours of the Deutsches Technikmuseum in Berlin, the Reichstag and the Olympic Stadium.

James I. Miller

Davidson College, Charlotte NC (USA)

James I. Miller is currently a Visiting Assistant Professor of History at Davidson College in Charlotte, North Carolina. He attended Kalamazoo College, in Michigan, and Indiana University before earning his PhD in history at the University of Chicago in 2005. He has taught at Rhode Island College, the University of Rhode Island and Florida International University since 2004. James Miller is currently in the process of transforming his dissertation on North African immigration to the Moselle into a book entitled *Reconstructing France in the Postwar Moselle. Mobility and Identity in a French Region*. He is also preparing several articles, including “‘La France, c'est comme une mobylette: pour avancer il lui faut du mélange’: Immigrant Mobility and Identity in a French Region,” and “Modernizing Space in the Moselle: Settling Labor Problems in the ‘Eur-African Sphere,’” for publication.

Gonzalo Munevar

Lawrence Technological University, Southfield MI (USA)

Gonzalo Munevar received his PhD in philosophy from the University of California at Berkeley in 1975. Presently he is Professor of Humanities at Lawrence Technological University. Former posi-

tions include Nebraska Foundation Professor of Philosophy at the University of Nebraska at Omaha, and Professor of History and Philosophy of Science at Evergreen. He was visiting professor or fellow at Stanford University, University of Newcastle (Australia), Consejo Superior de Investigaciones Científicas (Madrid), Universidad de Barcelona, Universidad de Santiago de Compostela, Institute for Advanced Study in the Humanities (University of Edinburgh), Kobe Shodai (Japan), University of Washington (Seattle), and the University of California at Irvine. His research focuses on epistemology of science, philosophy of neuroscience, evolution, philosophy of space exploration. Gonzalo Munevar's main publications include: *Radical Knowledge. A Philosophical Inquiry into the Nature and Limits of Science* (1981); *Evolution and the Naked Truth* (1998); *The Master of Fate* (Novel; 2000); *Variaciones sobre Temas de Feyerabend* (2006). As editor: *Beyond Reason. Essays on the Philosophy of Paul K. Feyerabend* (1991); *Spanish Studies in the Philosophy of Science* (1996); *The Worst Enemy of Science? Essays on the Life and Thought of Paul Feyerabend* (2000). Present Project: *The Dimming of Starlight. The Philosophy of Space Exploration*.

Bernd Mütter

Universität Bielefeld (D)

Bernd Mütter studied history, German and theology at Universität Bielefeld and NUI Maynooth, Ireland. MA Bielefeld 2004. 2004-2007 Researcher and filmmaker at ZDF German Television, Department of Contemporary History. His publications include popular science articles on German history. Main research interests are history in the media, mass media and future expectations, and fear in the Cold War.

Michael J. Neufeld

National Air and Space Museum, Washington DC (USA)

Dr. Michael J. Neufeld is Chair of the Space History Division of the National Air and Space Museum, Smithsonian Institution, Washington, DC. Born in Canada, he received history degrees from the University of Calgary and the University of British Columbia, before getting a PhD in Modern European History from The Johns Hopkins University in 1984. Before Dr. Neufeld came to the National Air and Space Museum in 1988 as A. Verville Fellow, he taught at various universities in upstate New York. In 1989-90 he held Smithsonian and NSF fellowships at NASM. In 1990 he was hired as a Museum Curator in the Aeronautics Division, where he remained until early 1999. After transferring to the Space History Division, he took over the collection of German World War II missiles, and from 2003-2007 the collection of Mercury and Gemini spacecraft and components. In fall 2001, he was a Senior Lecturer at The Johns Hopkins University in Baltimore. He was named Chair of Space History in January 2007. In addition to authoring numerous scholarly articles, Dr. Neufeld has written three books: *The Skilled Metalworkers of Nuremberg. Craft and Class in the Industrial Revolution* (1989), *The Rocket and the Reich. Peenemünde and the Coming of the Ballistic Missile Era* (1995), which won two book prizes, and *Von Braun. Dreamer of Space, Engineer of War* (2007). He has also edited Yves Béon's memoir *Planet Dora* (1997) and is the co-editor of *The Bombing of Auschwitz. Should the Allies Have Attempted It?* (2000).

Philip Pocock

Zentrum für Kunst und Medientechnologie, Karlsruhe (D)

Philip Pocock was born in Ottawa, Canada in 1954. He is currently based in Karlsruhe, Germany. After studies in Systems Design Engineering at the University of Waterloo, Canada, he graduated from New York University Film School. During the ensuing years in New York, he exhibited widely lyrical documentary as well as experimental color photography and for a decade was a faculty member of the International Center of Photography, New York. In 1988, he co-founded in New York the first 'desktop published' art journal, the *Journal of Contemporary Art*. In 1991 he relocated to Cologne, Germany, where he was included in the Ludwig Museum's exhibitions *Photography of the 20th Century* as well as *Augenblick und Endlichkeit*. In 1993 he began to work both digitally and collaboratively and in 1993 produced with Swiss artist Felix Stephan Huber *Black Sea Diary* for the Venice Biennale. In 1995, the duo produced what may be the first videoblog, *Arctic Circle*,

an quasi-fictional account of their travels by road from Vancouver up over the Arctic Circle in Canada, while traveling the young Infobahn. Documenta X produced his next work and inviting Florian Wenz and Udo Noll as collaborators he produced *OtherLands*, the first interactive database-driven 'hypercinema' from points along the Equator around the world. That year, he was granted tenure as Professor for Painting and Technical Imaging at Hochschule für Gestaltung Pforzheim, and since 1999 has developed major Internet-based projects with ZKM Karlsruhe, producing among other works, a YouTube-like user-generated movie *Unmovie* in 2002 and the Bluetooth-driven mobile media curatorial experiment *SpacePlace* in 2006. Currently he is developing a ZKM 'satellite' in Second Life. Both *SpacePlace* and ZKM in Second Life are steps along the way to an evasive dream of launching along with Peter Weibel and partners an 'art serving pico-satellite' into near Earth orbit.

Monica Rùthers

Universität Basel (CH)

Monica Rùthers, a German-born Swiss national, grew up in Berlin and in Switzerland. She received degrees in history as well as German literature and linguistics from Universität Basel. From 1991 to 2001, she was a research fellow at the Historical Institute of Basle University. Her dissertation *Tewjes Töchter. Lebensentwürfe ostjüdischer Frauen im 19. Jahrhundert* was published in 1996. As a research fellow at Basle, she taught at the Universities of Basle, Zurich, Berne and Lucerne. Since 2006, she is Associated Professor for Contemporary History at the University of Fribourg, Switzerland. In 2007, her second book *Moskau bauen von Lenin bis Chrusčëv. Öffentliche Räume zwischen Utopie, Terror und Alltag* was published by Boehlau Wien. Together with Carmen Scheide, she has edited a collection of historical tours through Moscow prepared by a group of students, published as *Moskau. Menschen, Mythen, Orte* (2003). Recent articles comprise *Sovetskaja rodina kak prostranstvo gorodskoj architektury*, in: *Ab Imperio. Studies of New Imperial History and Nationalism in the Post-soviet Space 2* (2006); *The Moscow Gorky Street in late Stalinism. Space, History and Lebenswelten*, in: Juliane Fuerst (eds.): *Late Stalinist Russia. Society between Reconstruction and Reinvention* (2006); *Auf dem Weg nach Leningrad. Der Moskowskij Prospekt*, in: Markus Ackeret, Frithjof Benjamin Schenk and Karl Schlögel (eds.): *St. Petersburg. Eine historische Topographie* (2007). Her ongoing research project, funded by a grant from the Swiss National Fund, deals with topographies of children's life worlds in the Soviet Union, 1950-1985. Currently, she focuses on the combination of the themes of childhood and cosmos as projects of the future in Soviet iconography as well as Soviet consumer history. Forthcoming is an article: *Kindheit, Kosmos und Konsum in sowjetischen Bildwelten der sechziger Jahre. Zur Herstellung von Zukunftsoptimismus*, in: *Historische Anthropologie* (reviewed and accepted).

Claudia Schmölders

Humboldt-Universität zu Berlin (D)

PD Dr. Claudia Schmölders studied German literature, musicology and philosophy in Köln, Zürich, Berlin and New York. In 1973 she received a PhD from Freie Universität Berlin with a thesis entitled *Simplität, Naivetät, Einfalt. Studien zur Ästhetik in Frankreich und Deutschland 1674 bis 1771*. From 1975 through 1999 she worked as editor at various publishing houses (Diogenes, Diederichs, Insel, Rowohlt) as well as independent author and academic editor. Publication of numerous essays, more than twenty books, anthologies and conference proceedings followed. Claudia Schmölders taught at the universities of Köln, Frankfurt am Main, Hamburg and Berlin. 1991 Fellowship at the Maison des Sciences de l'homme, Paris with a research project on the history of physiognomy; 1991-1992 Fellow at the Wissenschaftskolleg zu Berlin with the same project; 1997 *Habilitation* at the Kulturwissenschaftliches Seminar, Humboldt-Universität zu Berlin. Since 1998 Claudia Schmölders is *Privatdozentin* at Humboldt-Universität zu Berlin, lecturer, and author. Since 2000 she is also member of the German PEN. In 2004, she was awarded the Heinrich Mann Prize of the Academy of Arts, Berlin. Her research interests include: culture of interaction; history of physiognomy; emotion and mimics in the visual and literary arts; history of books. Claudia Schmölders' main publications are: *Die Kunst des Gesprächs. Texte zur Geschichte der europäischen Konversationstheorie* (1979, 1986); *Das Vorurteil im Leibe. Eine Einführung in die Physiognomik* (1995, 3d ed. 2007); *Fenster ins All. Über Sprache und Weltraum*, in: *Lettre* 45

(1999); *Gesichter der Weimarer Republik. Eine physiognomische Kulturgeschichte* (2000, together with Sander Gilman); *Hitlers Gesicht. Eine physiognomische Biographie* (2000); English translation: *Hitler's Face. Biography of an Image* (2005).

Kai-Uwe Schrogl

European Space Policy Institute, Wien (A)

Prof. Dr. Kai-Uwe Schrogl is the Secretary General of the European Space Policy Institute (ESPI, Vienna) since 2007. Before, he was Head Corporate Development and External Relations Department in the German Aerospace Center (DLR). In his previous career he worked with the German Ministry for Post and Telecommunications and the German Space Agency (DARA). He has been delegate to numerous international fora and recently served as the chairman of various European and global committees. Kai-Uwe Schrogl has published six books and more than 100 articles, reports and papers in the fields of space policy and law as well as telecommunications policy. He is Member of the Board of Directors of the International Institute of Space Law, Member of the International Academy of Astronautics (co-chairing its Commission on policy, economics and law) and the Russian Academy for Cosmonautics as well as member in editorial boards of international journals in the field of space policy and law (*Acta Astronautica*, *Space Policy*, *Zeitschrift für Luft- und Weltraumrecht*, *Studies in Space Law*). He teaches International Relations at Universität Tübingen, Germany (as *Honorarprofessor*) and has been a regular guest lecturer at the International Space University and the summer courses of the European Centre for Space Law.

Angela Schwarz

Universität Siegen (D)

Prof. Dr. Angela Schwarz teaches modern history at Universität Siegen. She received a history degree at Universität Duisburg, Germany, after research work in London, England, a PhD in Modern History in 1991, a post-doctoral degree (*Habilitation*) in modern history in 1998 after extensive research in London, England, supported by a grant of the German Historical Institute in London. She has taught at various German universities – Duisburg, Essen, Düsseldorf, Göttingen among them – and has held a fellowship at the Institute for the History of Science at Georg-August-Universität Göttingen. She has lectured on a variety of subjects in modern European and North American history: mentalities, social, cultural, media, science history as well as local history at universities in Germany, Britain and the United States. In 2006, she took over the Chair of Modern History in Siegen. She has published books and articles in German, English and Italian on the ways in which British visitors perceived Nazi Germany (*Die Reise ins Dritte Reich*, 1993, a book which won two prizes), popular science in Britain and Germany in the late 19th and early 20th century (*Der Schlüssel zur modern Welt*, 1998), urban growth and public parks in the 19th century (*Der Park in der Metropole*, 2005), and on various aspects of economic and social change in the post-industrial age and their consequences on the people living through the transformations (*Vom Industriebetrieb zum Landschaftspark*, 2001). Some of her articles deal with visions of the future in different time periods and countries, e.g. “Der Traum vom urbanen Raum”, on urban utopias in American thought and “Science, Domsday Fears and the Emergence of Science Fiction in the Late Nineteenth Century”.

James Schwoch

Northwestern University, Evanston IL (USA)

James Schwoch is Associate Professor at Northwestern University. His teaching and research explores media studies, diplomatic history, international affairs, science and technology studies, and research methodologies. Schwoch has been supported by a number of grants and fellowships, including the Fulbright Commission (Germany 1997, Finland 2005); Ford Foundation (1996-2000); NEH (1986, 1987); NSF (1998-2002); and the Center for Strategic and International Studies in Washington DC, where he was a resident fellow in 1997-98. His forthcoming book, *Global TV. New Media and the Cold War, 1946-1969*, is in production at University of Illinois Press. Based on research at the National Archives, the Ford Foundation Archives, the UK Public Records Office, several Presidential Libraries, and other collections, in this new book Schwoch engages Cold War

tensions and resolutions regarding American diplomacy as the USA faced questions concerning such topics as television in Cold War Europe; the ITU; the “war of words” and the transition from psychological warfare to information diplomacy; the IBM computer RAMAC and its encounter with Soviet audiences; Moscow TV in the 1950s; global TV growth and the 1953 Coronation of Elizabeth II; failed American attempts to build live microwave-relay global information networks in the 1950s; and the emergence of TELSTAR, COMSAT, and INTELSAT in the 1960s.

Werner Suppanz

Karl-Franzens-Universität Graz (A)

From 1996 through 2005, DDr. Werner Suppanz was a member of the Special Research Program “Modernity – Vienna and Central Europe around 1900” (“SFB Moderne”) at Karl-Franzens-Universität Graz; 2006 research project on the memory of Austria’s State Treaty and Declaration of Neutrality in 1955; 2000 prizeman of the Ludwig Jedlicka Memorial Award for Contemporary History; since 2005 Vice-Chairman of the *Forschungsgesellschaft Moderne/Postmoderne*. His research focuses on problems of identity and memory politics, political culture and cultural theory. Werner Suppanz’ publications include: *Österreichische Geschichtsbilder. Historische Legitimationen in Ständestaat und Zweiter Republik* (1998); *Aggression und Katharsis. Der Erste Weltkrieg im Diskurs der Moderne* (2004, ed. with Petra Ernst and Sabine A. Haring); *Antisemitismus und Xenophobie – Konstruktionen des Eigenen und des Fremden in Österreich um 1900 und um 2000*, in: Karl Acham and Katharina Scherke (eds.): *Kontinuitäten und Brüche in der Mitte Europas. Lebenslagen und Situationsdeutungen in Zentraleuropa um 1900 und um 2000* (2003); *Transfer, Zirkulation, Blockierung. Überlegungen zum kulturellen Transfer als Überschreiten signifikatorischer Grenzen*, in: Federico Celestini and Helga Mitterbauer (eds.): *Ver-rückte Kulturen. Zur Dynamik kultureller Transfers* (2003); “Die große Tat will große Erben.” *Der Erste Weltkrieg im Alpenraum in den Gedächtniskonstruktionen des “autoritären Ständestaates”*, in: Hermann J. W. Kuprian and Oswald Überegger (eds.): *Der Erste Weltkrieg im Alpenraum. Erfahrung, Deutung, Erinnerung* (2006).

Guillaume de Syon

Albright College, Reading PA (USA)

Prof. Guillaume de Syon teaches history at Albright College in Reading, Pennsylvania. He previously worked as a contributing editor for the Collected Papers of Albert Einstein, in particular his World War I correspondence. More recently, he served as series editor for Praeger Publishers’ *Moving through History. Transportation and Society*. His current research interests include the history of visual and popular culture (especially postcards and comic books), and the history of aviation as expressed in culture and politics. He is working on several projects, including a history of transatlantic flight and a history of airline advertising. He is the author *Zeppelin! Germany and the Airship, 1900-1939* (2002; paperback 2007) and related articles on the subject.

Helmuth Trischler

Deutsches Museum, München (D)

Prof. Dr. Helmuth Trischler is Director of Research at the Deutsches Museum, Munich, and Professor for Modern History and History of Technology at the University of Munich; coordinator of several national and international research projects and networks; national representative of Germany for the ESA-History project. Main field of research: innovation systems and innovation cultures; interrelations between science and technology; transport history; science, technology and European integration. Helmuth Trischler is the author of 24 books and edited volumes, and ca. 100 articles, including: *The ‘Triple Helix’ of Space. German Space Activities in a European Perspective* (2002); *Wiring Prometheus. Globalisation, History and Technology* (co-ed., 2004); *Engineering Europe. Big Technologies and Military Systems in the Making of 20th Century Europe*, in: *History and Technology* 21 (2005); *A Talkative Artefact. Germany and the Development of a European Launcher in the 1960s*, in: Martin Collins et al (eds.): *Showcasing Space* (2005); *Ein Jahrhundert im Flug. Luft- und Raumfahrtforschung in Deutschland 1907 bis 2007* (ed., 2007).

Tristan Weddigen

Universität Bern (CH)

Tristan Weddigen is Assistant Professor at the Institute of Art History of the University of Bern. He has studied art history and philosophy in Heidelberg, Rome, Cambridge and Berlin and has been fellow of several research institutes, e.g. the Max-Planck-Institute in Rome. His publications are centered on early modern art and art theory, and on methodological questions. Currently Tristan Weddigen is working on the relationship between art collections and art history in the 18th and 19th centuries and planning a conference on 'images of space'. His main publications are *Barocke Inszenierung* (co-ed., 1999); *Federico Zuccaro. Kunst zwischen Ideal und Reform* (ed., 2000); *Functions and decorations. Art and ritual at the Vatican Palace in the Middle Ages and the Renaissance* (co-ed., 2003); *In situ – in context* (co-ed., 2005); *Was ist links? – What is left?* (co-ed., 2006); *Raffaels Papageienzimmer – Ritual, Raumfunktionen und Dekorationen im Vatikanpalast der Renaissance* (2006); *Mythen der Kunstwissenschaft – Art historical mythologies* (ed., 2007).

Christina Wessely

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Christina Wessely is Postdoctoral Research Fellow at the Max Planck-Institute for the History of Science in Berlin. She studied at Freie Universität Berlin and Universität Wien, and received degrees in history, cultural studies and German literature. Before getting her PhD from the University of Vienna in Modern European History she spent one semester as a predoctoral fellow at the Department of German at University College London. After working at the Science Museum in Vienna (Technisches Museum Wien) for two years, she received postdoctoral research fellowships from the University of Vienna, the Max Planck-Institute for the History of Science in Berlin and from Harvard University for her work on cosmological *Weltanschauungen* in Weimar Germany. Among her most recent publications are: *Karriere einer Weltanschauung. Die Welteislehre 1894-1945*, in: *Zeitgeschichte* 6 (2006); *Koalitionen des Nicht-Wissens? Welteislehre, akademische Naturwissenschaften und der Kampf um die öffentliche Meinung 1894-1945*, in: Sybilla Nikolow and Arne Schirmacher (eds.): *Wissenschaft und Öffentlichkeit als Ressource füreinander. Studien zur Wissenschaftsgeschichte im 20. Jahrhundert* (2007); *Pseudo-Wissenschaft. Konzeptionen von Nicht-Wissenschaftlichkeit in der Wissenschaftsgeschichte* (with Dirk Rupnow, Veronika Lipphardt, Jens Thiel; forthcoming); *“Künstliche Tiere etc.” Zoologische Gärten und urbane Moderne. Wien und Berlin 1840-1910* (2008).

Bernd Weisbrod

Georg-August-Universität Göttingen (D)

Bernd Weisbrod is Professor of Modern History at Georg-August-Universität Göttingen and Director of a DFG-graduate school on “Generations in Modern History.” His main research interests are political culture and political violence, post-dictatorial transitions and the public sphere, cultures of poverty and welfare reforms. In his PhD he investigated the economics and politics of heavy industry in the Weimar Republic (1976), his *Habilitation* dealt with Victorian social policies, especially with regard to pauper children and juvenile delinquency (1986). His academic career took him from Atlantic College in South Wales to Heidelberg University, the German Historical Institute in London and the Ruhr-University in Bochum. He has held visiting positions at Rutgers University and the Hebrew University in Jerusalem, he also was a Theodor-Heuss Professor at the New School in New York, and a Visiting Fellow at Magdalen College (Oxford) and the European University Institute in Florence. His most recent work deals with post-1945 German academia (*Akademische Vergangenheitspolitik. Beiträge zur Wissenschaftskultur der Nachkriegszeit*, 2002) and the politics of violence (*The No Man's Land of Violence. Extreme Wars in the 20th Century*, 2006).