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FINAL PROGRAM 2005

No further changes will be made to this site

Any further changes/cancellations will be reflected on an errata sheet to be incorporated into the printed program

THURSDAY, OCTOBER 20, 2005

4S Editorial Meeting 7:15 – 8:30

International Ballroom

SESSION 1 8:30-10:00

1.1 Tools to Manage Uncertainty: The Politics of Risk Assessment

Organizers: Olga Kuchinskaya and
Jericho Burg
Discussant: S. Ravi Rajan

Del Mar Room

- *Even without Politics, Would it be Manageable? Risk Analysis and Famine Prevention*
Jericho Burg.....
University of California, San Diego
- *Mobilizing Science for Risk Assessment: Environmental Risks of Genetically Engineered Organisms*
Joy Hagen and Anna Zivian
University of California, Santa Cruz
- *"We will die and become science": Estimating the Health Effects of Chernobyl Radiation*
Olga Kuchinskaya.....
University of California, San Diego
- *Temporal Ecologies and Political Phase-Spaces: How Dinoflagellate Temporalities May Modify the Political Practice of Science*
Astrid Schrader.....
University of California, Santa Cruz

1.2 Science Communications

San Jose Room

- *Science Communication in Japan*
Kohji Hirata. Sokendai
- *Japan-U.S. Comparison -How was the Large Discovery Reported?*

- Hiromi Yokoyama..... Sokendai
- *Using the Author Charge to Fund Scholarly Communication*
Thomas Scheiding..... University of Notre Dame
- *“Mapping Controversies”: An Experiment in Science Communication*
Albena Yaneva.....
.. Austrian Academy of Sciences

1.3 The Socio-Technical Organization of Everyday Life: Normality, Materiality and Practice

Organizers: Anne Sofie Laegran and
Elizabeth Shove

Sacramento Room

- *The Choreography of Everyday Life: Constructing a Material Theory of Practice*
Elizabeth Shove Lancaster University
Mika Pantzar.....
... National Consumer Research Centre
- *Normality vs. Flexibility: Socio-Material Moralities of (Tele)-Work*
Anne Sofie Laegran.....
NTNU and University of Edinburgh
- *Governing the Sole: The Mundane, Socio-Technical Accountability of Walking*
Daniel Neyland and Steve Woolgar..
. University of Oxford
- *Material Dialogues: Moralities of Technological Practices*
Knut H. Sørensen.....
Norwegian University of Science and Technology

1.4 Historical Bodies

Santa Barbara Room

-
- *“Discovering” the Nerves: Methodological Controversy and Priority in Early
Nineteenth-Century Physiologists*
Carin Berkowitz Cornell University
- *Triage and Trauma: Contested Bodies on the Battlefield in the First World War*
David J. Caruso..... Cornell University
- *Multiple American Methadones: The Historical Travails of a Controversial
Molecule*
Nancy D Campbell.....
Rensselaer Polytechnic Institute
- *Institutionalizing the Science of Smell: Technical Values of the Community of
Osmology in Early Nineteenth Century
France*
Thomas W. Staley Virginia Tech

1.5 What Interferes with Beneficial Innovation?

Organizer: Edward Woodhouse

San Diego Room

-
- *Hybrid/Electric Vehicles and the Social Reconstruction of Technology*
Toluwalogo B. Odumosu.....
..... Rensselaer Polytechnic Institute
- *Why Isn't Housing More Environmentally Progressive?*
Kate Boyer Rensselaer Polytechnic Institute

- *Obstacles to the Greening of Industry*
Jeff Howard University of Texas, Arlington

1.6 **Scientific Objects In Time: Human Aging, Planetary Missions and Spacecraft Design**

Organizer: Charlotte Linde

Pasadena Room

- *Making Aging Visible in the Lab*
Vicki O'Day.....
University of California, Santa Cruz
- *Multiple Temporalities of Interplanetary Work Systems*
Zara Mirmalek.....
University of California, San Diego
- *I Start, You Finish: Representing Multigenerational Interplanetary Missions*
Lisa Faithorn.....
.. RIACS NASA Ames Research Center
- *Trying Not to Build the Same Old Spacecraft: Structural and Political Issues in Design Inheritance*
Charlotte Linde.....
.. NASA Ames Research Center

1.7 **Science, Technology, and the Corporation, Sub-Panel 1: Defining Citizenship in the Market**

Organizer: Shobita Parthasarathy,
Marybeth Long Martello and Alastair Iles
Discussant: Alastair Iles

Pacific Ballroom A

- *Corridor Citizenship: Information Technology Corporations and Changing Citizenship Structures in the Indian Silicon Valley*
Simanti Dasgupta.....
..... New School for Social Research
- *Consumers, Citizens or Patients? Defining the Users of Genomic Technologies*
Shobita Parthasarathy....
University of Michigan
- *Down-to-Earth Authorities: Establishing Expertise and Responsibility in Community Advisory Panels*
Gwen Ottinger.....
University of California, Berkeley
- *Standardizing the Corporate Citizen*
Marybeth Long Martello..... Harvard University

1.8 **Self-Reflective Technical Practice: Design Practices in Human-Computer Interaction (Affiliated with the International Network for Engineering Studies)**

Organizers: Carl diSalvo and Phoebe Sengers

Pacific Ballroom B

- *Audrey, Anyone?*
Laurel Swan..... Brunel

- Alex Taylor. Microsoft Research
- *Self-Reflective Technology?*
Phoebe Sengers... Cornell University
- *Situated Design's Oblique Relationship with Marxism*
Katie Vann..... Virtual Knowledge Studio
- *Melancholy Objects: the Meanings of Personal Photos and Emerging Photographic Technologies*
Nancy Van House.....
University of California, Berkeley

1.9 Issues of Ethics

Pacific Ballroom C

- *Embryonic Stem Cells and Ethics: an Ethnography of Scientists in Two Laboratories in the United Kingdom*
Clare Williams..... University of London
- *Spatial Representation of Controversies: Science Communication in the Installation 'the Stem Cell Network'*
Maja Horst..... Copenhagen Business School
Birte Dalsgaard Danish Academy of Design
- *Common Rule for the Bio-Medical and Social Science Research: Problems with the IRB*
Roli Varma University of New Mexico

1.10 Exploring Expertise

San Marino Room

- *Uncertainty in Expert Policy Advice: Variation in Heuristics for Dealing with Uncertainty in Dutch Expert Institutes.*
Annick de Vries University of Twente
- *Expertise on the Periphery: Ugandan Researchers Engage the Science and Politics of HIV Drug Resistance*
Johanna Crane..... UC San Francisco, Berkeley
- *Argumentation Theory and the Critical Assessment of Expert Advice: Extending Hilgartner*
William Rehg Saint Louis University
- *The Right to Identity and the Compulsory Extraction of Blood in Post-Dictatorship Argentina*
Ari Gandsman McGill University

1.11 Practicing STS

Monterey Room

- *Evaluating ZorgDomein—How We Got Entangled in Interorganizational Health Care Politics and Survived as STS Researchers*
Roland Bal and Femke Mastboom.....
Erasmus University Medical Centre
- *Can STS-Concepts Help Us Understand Ethnicity?*
Agnes Meershoek and Anja Krumeich..
Maastricht University
- *Science Studies Elsewhere - Controversial, Invisible, and Anomalous?*
Alexandra Hofmanner.....
University of Cape Town

1.12 Managing Participation

Organizer/Chair: Berit Moltu

Pasadena Room II

- *Reshaping Practice, Redistributing Labor: Managing the Human and Nonhuman Actors in Customer Relations*
Jeanette Blomberg and Melissa Cefkin..... IBM
- *Life Coaching: From Couch to Coach*
Esra Ozkan.....
... Massachusetts Institute of Technology
- *Generification Work in the Production of Organizational Software Packages*
Neil Pollock and Christine Grimm.
University of Edinburgh
- *Business Process Reengineering (BPR) as Creator of New Spaces of Participation*
Berit Moltu and Christian Clausen
..... SINTEF Technologies

SESSION 2 10:30-12:00

2.1 Foresight Industry and the 'Secrets'

Thereof: STS Perspectives

Organizers: Arthur Mason and
Marjolein van Asselt
Discussant: Steve Woolgar

Del Mar Room

- *Hedging Against Future Risks: Social Planning and Local Adaptation to Climate Change in Sweden*
Ylva Uggla Örebro University
- *Debunking Practical Interdisciplinarity: An Ethnographic study of Dutch Foresight Practice*
Susan van 't Klooster and Marjolein van Asselt..... Maastricht University
- *Entropic Distance and the Poetics of Natural Gas Forecasting*
Arthur Mason.....
University of California, Berkeley
- *Futurist Think Tanks: Taming the Unruly (and Sometimes Secret) Nature of Technological Visions*
Lonny Brooks California State University

2.2 Cybernetics and Its Countercultures

Organizer: Fred Turner
Discussant: Geoffrey C. Bowker

San Jose Room

- *Cybernetics and Madness: From Electroshock to the Psychedelic 60s*
Andrew Pickering.....
University of Illinois at Urbana-Champaign
- *Cybernetic Art Worlds of the 1960s*
Fred Turner... Stanford University
- *Demonically Wild Contingencies: Disciplining Interactivity in Ethnomethodology and Cybernetics*
Lucy Suchman..... Lancaster University

2.3 The Socio-Technical Organization of Everyday Life: Normality, Materiality and Practice

Organizers: Anne Sofie Laegran and
Elizabeth Shove

Sacramento Room

-
- *Living up to Machines: Expectations and Demands of Organizational Competence among Domestic Appliances and Their Users*
Martin Hand..... Queens University
Elizabeth Shove University of Lancaster
- *The Inevitability of "Everyday Life," or Why Can't Americans Stop Sleeping?*
Matthew Wolf-Meyer.....
University of Minnesota
- *Blue, Yellow, Black and Tan: Daily Technologies, Categories and Development*
Wenda Bauchspies Penn State University

2.4 **Hurricane Katrina: Chaos at the Intersection of Science, Technology, Society and Nature**

Organizer: Benjamin Sims
Participants: Wiebe Bijker, Wes Shrum,
Susan Leigh Star, Naomi Oreskes,
Stephen Hilgartner and Jamey Wetmore

Santa Barbara Room

2.5 **How Can Scientists and STS Scholars Collaborate?: The Case of the KEK**

Organizers: Kenji Ito and
Sharon Traweek

San Diego Room

-
- *Scientists' Reasons for Collaborating with Historians*
Yoshinobu Takaiwa.....
..... High Energy Accelerator Research Organization
- *Behind the Collaboration Between Scientists and S&TS Scholars: The KEK Archives Project from the Viewpoint of a Historian of Science*
Kenji Ito..... University of Tokyo
- *Making Lab Histories: An Anomalous Ethnography of an Unruly Multidisciplinary Collaboration*
Sharon Traweek

2.6 **An STS-Approach to Age and Ageing**

Organizers: Birgit Jaeger and Andrew Feenberg
Discussant: Andrew Feenberg

Pasadena Room

-
- *Ageing and Modernization - Do Structural Changes Correspond with Old Peoples' Own Experiences?*
Britt Östlund... Lund University
- *An STS Study of Older Chinese's and Americans' Use of the Internet*
Bo Xie..... Rensselaer Polytechnic Institute
- *Non-user and Ex-users Among Old People*
Brigit Jaeger... Roskilde University
- *A Phenomenology of Medicalized Life: Old Age, Life Extension, and the Self*
Janet K. Shim, Ann J. Russ and
Sharon R. Kaufman.....
University of California, San Francisco

2.7 **Science, Technology and the Corporation: Corporate Governance and Accountability**

Organizer: Shobita Parthasarathy,

Marybeth Long Martello and Alastair Iles
 Discussant: Marybeth Long Martello

Pacific Ballroom A

- *(Green) Washing the Chemical Industries: Regulation, Responsibility, and the Emergence of the Green*
 Jody A. Roberts.. Virginia Tech
- *Transnational Companies, Smallholder Farmers and the Fate of Agricultural Biotechnology*
 Dominic Glover.....
 Institute of Development Studies
- *Charging Corporations With Responsibility: The Health Impacts of Power Companies*
 Alastair Iles UC Berkeley
- *Incorporating Science, Profit, and Human Values? Dot-org as New Genomic Buffer Zone*
 David Winickoff.....
 University of California, Berkeley

2.8 Self-Reflective Technical Practice: Art and Design as Critical Technical Practices (affiliated with the International Network for Engineering Studies)

Organizers: Carl diSalvo and Phoebe Sengers
 Discussant: Eric Paulos

Pacific Ballroom B

- *Notes from the Trenches*
 Marc Boehlen... Buffalo
- *Research of the Undisciplined: Tactical Technology Interventions*
 Beatriz da Costa..... Irvine
- *Attempts to Domesticate the Unruly: Reflections on the Research and Design of Service Robots*
 Carl diSalvo. Carnegie Mellon University

2.9 Four Psychic Objects: Psyche, Pain, and the Prepuceless Penis

Organizer: Henry Krips

Pacific Ballroom C

- *Freud's Drive and its Vicissitudes*
 Henry Krips.. University of Pittsburgh
- *The Mind in the Shadow of the Brain: Freud's Illustrations of the Psyche*
 Michelle Gibbons..... University of Pittsburgh
- *I Feel Your Pain: Reflections on the Grammar and Rhetoric of Pain*
 John Lyne.. University of Pittsburgh
- *Not-so-Gray Anatomy: The Circumcised Penis in Contemporary Anatomy Textbooks*
 Michele Kennerly..... University of Pittsburgh

2.10 Public Understanding of Science

San Marino Room

- *Complementary Venues of Investigation: Focus Group Interviews and Surveys on Public Understanding of Science*

Inge Ramberg.....

Norwegian Institute for Studies in Research

- *Validation Boundaries: Knowledge Criteria Explaining Conflict between Experts and Public*
Yuko Fujigaki..... University of Tokyo
- *Emerging Technologies, Public Understanding of Science and Development*
Pranav N. Desai.....
Jawaharlal Nehru University

2.11 Technologies of Citizenship: Surveillance and the Regulation of Difference

Organizers: Virginia Eubanks and
Torin Monahan

Monterey Room

- *Techno-logics of Residential Surveillance*
Torin Monahan Arizona State University
- *Our Knowledge, Our Power: Popular Technology*
Virginia Eubanks... SUNY, Albany
- *(ICT) Surveillance and Identity Management of Lesbians in the Workplace*
Jennifer Murray .. Arizona State University
- *The Better to See You With: An Exploration of Means for Measuring Video Surveillance Intensity*
Ann Rudinow Saetnan, Carsten Wiecek
and Johanne Yttri Dahl..... NTNU
Heidi Mork Lomell University of Oslo

2.12 Representing and Engaging with Unruly Processes

Organizer: Peter Taylor

Pasadena II Room

- *Semiotics, Practice, and Representation: A Study in the Dynamic Representation
of an Ecology of Knowledge*
Atsushi Akera.....
Rensselaer Polytechnic Institute
- *Mapping the Discursive Production of Indigenous Knowledge in the Unruly Space of the Interne*
Adam Henne University of Georgia
- *Workshops for Participatory Restructuring of Knowledge-Making & Social Change*
Peter Taylor.....
University of Massachusetts, Boston

Lunch 12:-1:30

Meetings

Monterey Room

Video Ethnography I

Organizers: Wes Shrum, Marianne de Laet and
Rick Duque

Pasadena II

Representing and Engaging with Unruly Process II: Workshop Using the Dialogue Process

Organizer: Peter Taylor

San Jose Room

California Students STS brown bag lunch meeting

SESSION 3 1:30-3:00**3.1 Environmental Constituencies**Del Mar Room

- *Air Quality and Development in the Big Bend: The Politics of Knowledge*
Francisco Donez.....
University of California, Berkeley
- *Reflexive Science Communication: Local Air Quality Management Consultation in the UK*
Paul Dorfman, Clare Beattie and Frank
Burnet University of the West of England
David Gibbs University of Hull
James Longhurst, Emma Weitkamp and
Nurul Leksmono.....
University of the West of England
- *Social Learning in the Hydrogen Economy: Translating Visions to Practice*
Asbjørn Kårstein.....
Norwegian University of Science and Tech

3.2 Healthcare ICTSan Jose Room

- *Situated Between Doctors and Statisticians: Applying STS-Perspectives in the Field of Health Care ICT*
Line Melby
Norwegian University of Science and Tech
- *Biopsychiatry and the Informatics of Diagnosis*
Jackie Orr..... Syracuse University
- *Distributed Diagnosis and Trust. The Case of Telemonitoring Technologies for Heart Patients*
Nelly Oudshoorn University of Twente
- *Young Women with Breast Cancer and the Internet*
Bev Holmes and Guenther Krueger.....
..... Simon Fraser University

3.3 Roundtable: Reconsidering “Do Artifacts Have Politics?”

Organizers: Rayvon Fouche and
Michael Lynch
Participants: Langdon Winner;
Darin Barney; Michael Bennett;
Wiebe Bijker; Tarleton Gillespie;
Rebecca Herzig; Charis Thompson;
Steve Woolgar

Sacramento Room**3.4 Communities and Cultural Differentiation: Issues of Ontologies, Metadata, and Knowledge Representation**

Organizers: Francis Harvey and
Ramesh Srinivasan
Discussant: Geoff Bowker

Santa Barbara Room

- *Putting the Body on the Bones?*
Roxanne Ornelas..... University of Minnesota
- *Technologies of Spatial and Cultural Memory*
Ramesh Srinivasan.....
University of California, Los Angeles
- *Rethinking Totem and Cadaster*
David C. Nevins Nevins Associates
- *Messy Assemblages, Emergent Protocols, and Emergent Knowledges: Complex Adaptive Systems*
David Turnbull.. Deakin University

3.5 Provincializing Science Studies

Organizer: Timothy Choy
Discussant: Kim Fortun

San Diego

- *Re-Locating Chinese Medicine*
Mei Zhan..... University of California, Irvine
- *Ecological Life and the Endangerment of Hong Kong*
Timothy Choy.. Ohio State University
- *Making (Tanzanian) Traditional Medicine*
Stacey Langwick..... University of Florida
- *The Herbal Medicine Cabinet: Still Controversial Artifact?*
EunJeong Ma..... Cornell University

3.6 Bodies, Knowledge and Control

Pasadena Room

- *Taking the Body for a Spin: Diabetes, the DMV, and the Rhetoric of Bodily Control*
David S. Martins
California State University, Chico
- *Sovereignty, Risk and Public Health: The Paradox of Quarantine in the 21st Century*
Kate O'Neill
University of California, Berkeley
- *The Performativity of Epilepsy and Neuroscience*
Deirdre Leahy
- *The Viral Gene*
Theresa MacPhail..... University of Hong Kong

3.7 Science, Technology and the Corporation: Marketing Sociotechnical Visions

Organizer: Shobita Parthasarathy,
Marybeth Long Martello and Alastair Iles
Discussant: Shobita Parthasarathy

Pacific Ballroom A

- *Educating Societies about Science and Technology: The Role of the Multinational Corporation. A Case of Nokia and MT*
Caroline Wamala..... Linkoping University
- *The Hopeful Industry? Exploring Vision Production Associated with Stem Cell Research*
Kristin Lofthus Hope and Silje Sivertsen.....
. Rökkansenteret, UiB
- *Marketing Mobile Futures: The Assembly of RFID Constituencies*
Elena Simakova and Daniel Neyland..

University of Oxford

- *Managing Innovation: The Process of Realizing and Commercializing Hybrid Technologies and Products*
Thomas Hoholm.....
Norwegian School of Management

**3.8 Self-Reflective Technical Practice:
Design Practices in Human-Computer
Interaction (Affiliated with the
International Network for Engineering
Studies)**

Organizers: Carl diSalvo and Phoebe
Sengers
Discussant: Paul Dourish

Pacific Ballroom B

- *De-stabilizing and Extending Museum Objects*
Robin Boast Cambridge
- *Sociomics! Following proteomics with the IssueCrawler*
Ruth McNally and Peter Glasner..... ESRC
- *Borders and Appropriations: Relations Between HCI and STS*
Darren Reed University of York

3.9 Drugs

Discussant/Chair: Joe Dumit

Pacific Ballroom C

- *Mapping Sex and Drugs in the Bodies of Queer Homeless Youth: The Practices and Politics of Statistics*
Ben Peacock.....
University of California, San Francisco
- *Scripting the Body: Pharmaceuticals and the (re)Making of Menstruation*
Laura Mamo University of Maryland
Jennifer Ruth Fosket McGill University
- *Thick Prescriptions: Toward an Interpretation of Pharmaceutical Industry Practices*
Michael J. Oldani Princeton University
- *Cognition Emerging: Creating a New Psychopharmacologic Object*
Elizabeth Bromley.....
University of California, Los Angeles

3.10 Public Participation

San Marino Room

- *Scientific Authority and Social Justice Activism in a National Security State*
Gwen D'Arcangelis.....
University of California, Los Angeles
- *Motivating Action on Climate Change: Decoupling Participation and Public Understanding of Science*
Miriam Padolsky.....
University of California, San Diego
- *In the Name of Society: Narratives on Power Structures, Decision-Making and Public Participation in the Field of Biomedical Technologies*
Ulrike Felt and Maximilian Fochler.....
University of Vienna
- *Internet-based Mass Participation Campaigns and the Changing Landscape of Public Participation in Environmental*

Regulatory Rulemaking

Stephen Zavestoski.....

University of San Francisco

David Schlosberg.....

.. Northern Arizona University

Stuart Shulman

University of Pittsburgh

- *Problem of Deliberative Decision Making: A Case of Antenatal Screening for Down's Syndrome in the UK*
Maiko Watanabe University of Warwick

3.11 Social Security

Organizer: Natalie Jeremijenko

Monterey Room

- *Antiterrorism: Demilitarizing Technologies and Arming the Citizenry*
Natalie Jeremijenko.....
University of California, San Diego
- *Bio-Arbitrage and Other forms of 21st Century Bio-Profiteering*
MK Dorsey..... Dartmouth
- *Promoting Civilian Oversight of Police Surveillance in an Immigrant Neighborhood*
Tad Hirsch MIT Media Lab
- *Surviving Civil Defense: Philip Dick and the Nuclear Frontier*
Patrick B. Sharp
California State University, Los Angeles
- *Simulating Armageddon*
Hugh Gusterson.....
... Massachusetts Institute of Technology

3.12 Mechanics of RepresentationPasadena II Room

- *Working Models and Simulations in the Brain Sciences*
Peter Asaro The Gallery of Research
- *Applied Philosophy of Imaging: Using Ihde's Philosophy for Neurobiological Research*
Robert Rosenberger..... Stony Brook University
- *In Space, NASA Can Hear You Scream: Examining the Meaning Behind Acoustic Representations of Outer Space*
Emma Johnson and Robert Locusay.
University of California, San Diego
- *Pursuing Images and Imaginings in Digital Radiography: Renewing Acquaintanceships with 'The Physics'*
Linda Hitchin University of Lincoln
Susan Green..... Dorset County Hospital
- *Representations of the User in Computer Graphics Modeling*
Yanni Loukissas.....
... Massachusetts Institute of Technology

PRESIDENTIAL PANEL 3:30-5:30International Ballroom**Thirty Five Years of Science Studies: Retrospective and Prospective**

Chair: President Elect Leigh Star

Panelists: Sharon Traweek, "*Laboratories as Unruly Nodes: Anomalous Modes of Interpretation and Inquiry*"Karin Knorr, "*Going West Again - and then What? Some Thoughts on the Future of STS*"Mike Lynch, "*What Was, Is and Will Be the Point of Laboratory Studies?*"Bruno Latour, "*A Case of Simultaneous Discovery in the Social Sciences: the Beginning of Laboratory Studies in 1975... Plus a Wild Guess of What should be Studied Thirty Years from Now*"**Reception 5:30-6:30 (Cash Bar)**

California Ballroom**FRIDAY, OCTOBER 21, 2005****Science Technology and Human Values Editorial Meeting 7:15 – 8:30**International Ballroom**SESSION 4 8:30-10:00****4.1 Environmental Planning and Control**Del Mar Room

- *The Dutch Environmental Planning Agency and Boundary Work*
Udo Pesch.....
.. Institute for Environmental Studies
- *Making Biocontrol Work: Managing Ecological Relationships and Variability in Agricultural Biocontrol*
Keith Douglass Warner and
Waide Hicks Santa Clara University
- *Technology Rules: Understanding and Supporting Emerging Practice in Ecology*
Ann Zimmerman..... University of Michigan
Bonnie Nardi and Susan Sim.....
University of California, Irvine
- *Socialism in Practice: Drainage and Data in Lithuanian Farms in the 1960s*
Diana Mincyte
University of Illinois, Urbana

**4.2 New Media Studies Meets STS:
Communications and Social Works**

Organizer: Mizuko Ito
Discussant: Doug Thomas

San Jose Room

- *Bridging S&TS and Communication Studies: Scholarship on Media and Information Technologies*
Pablo J. Boczkowski.....
..... Northwestern University
Leah Lievrouw.....
University of California, Los Angeles
- *Performative Whack-a-Mole (or What Happened When the Freaks, Geeks and Queers Colonized Friendster)*
danah boyd.....
University of California, Berkeley
- *Here, There and Everywhere: Ghanaians and ICTs*
ken Anderson and Jenna Burrell.....
..... Intel Research

4.3 TalesSacramento Room

- *Facts, Unruly Metaphors, and Values: Competition and Progress in Evolution*
Brendon M. H. Larson.....
University of California, Davis
- *Arguments: Rhetorics of Hope, Fear & Risk in Parliamentary Debate over the Handicap Ground for Abortion*
Ruth McNally.... ESRC
- *Stories about Frequent Attenders*

Paula Hodgson..... University Liverpool
 P. Brown..... Westmorland General Practice
 C. Dowrick University Liverpool
 P. Smith Park Road Group Practice

- *The Epistemic Value of Cautionary Tales*
 Bill Shields Virginia Tech

4.4 Interoperability of eHealth Systems: Discovering or Domesticating the 'Odd' Artefact?

Organizers: Ellen Balka and Ina Wagner

Santa Barbara Room

- *Configurability, Place Making and the Materiality of Documentation Systems: the Case of Two Oncology*
 Ina Wagner and Marianne Tolar..
 . Vienna University of Technology
- *Interoperability of eHealth Systems: Discovering or Domesticating the 'Odd' Artefact?*
 Ellen Balka..... Simon Fraser University
- *The Hidden Lives of the Electronic Medical Records*
 Nina Boulus..... Simon Fraser University

4.5 Current Issues in Engineering Studies I: Engineering Work (Affiliated with the International Network for Engineering Studies)

Organizer: Gary Downey

San Diego Room

- *A Comparative Study of Engineering Work Practices*
 Diane Bailey.... Stanford University
 Hallie Kintner... General Motors Corporation
- *Reliability and Design Theory in Software Engineering*
 Francis A. Bausch... Virginia Tech
- *Staging Methods?*
 Eva Amdahl.... KULT, NTNU
 Kristin Lofthus Hope..... UiB/NTNU
- *Claiming Creative Autonomy: Art, Science and Function in Industrial Design
 and Engineering.*
 Peter Whalley... Loyola University Chicago

4.6 The Politics and Technology of Ballistic Missile Defense: the Struggle to Achieve Closure

Organizer: Graham Spinardi

Pasadena Room

- *Testing and the Construction of Technical Knowledge in Ballistic Missile Defense
 Technology*
 Graham Spinardi..... University of Edinburgh
- *Calculated Risks? Computer Experts and the Problem of Missile Defense,
 1957-2005*
 Rebecca Slayton. Stanford University
- *Understanding Star Wars: The Logic of MAD and the Feasibility of Directed
 Energy Weapon Technology*
 Zachary Zwald.....
 University of California, Berkeley
- *Representing Weapons*

Greg Wilson, Andrew Koehler and
Benjamin Sims.....
..... Los Alamos National Laboratory

4.7 **Economic Life, Accounting, and the Anthropology of Calculation**

Organizers: Donald MacKenzie and
Alex Preda

Pacific Ballroom A

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- *The Qualculation of Gifts*
Michel Callon Ecole des Mines de Paris
- *The Finitist Accountant: Classifications, Rules and the Construction of Profits*
Donald MacKenzie University of Edinburgh
- *From Pipes to Scopes: The Architecture of Global Foreign Exchange Markets*
Karin Knorr Cetina University of Chicago
- *A Tool Story: Building a Sociotechnical Calculator*
Simon Kiilerich Madsen
University of Aarhus

4.8 **Knowledge Environments I**

Pacific Ballroom B

-
- *Distributed Expertise and Elitism in a Software Firm*
Travis L. Kriplean.....
.... University of Wisconsin-Madison
- *Does Mickey Mouse Matter? International Training and Professional Networks of Philippine Scientists*
Marcus Antonius Ynalvez and Wesley
Shrum... Louisiana State University
- *Creative Knowledge Environments. Studies of Work Teams in Biotechnology*
Sven Hemlin. Göteborg University

4.9 **Race**

Pacific Ballroom C

- *Reifying Race and 'Wrongful Life': The Genetic Politics of Tay-Sachs Disease*
Shelley Z. Reuter Concordia University
- *Race, Stigma, and the Diagnosis of Schizophrenia*
Jonathan M. Metzl..... University of Michigan
- *Race Difference in Behavior Genetics: Effects and Ironies of an Unruly Object*
Aaron Panofsky..... New York University
- *Sexualized and Fetishized Race: Virtual Representation of Body*
Yuya Kiuchi
University of Massachusetts, Boston

4.10 **Expertise**

San Marino Room

-
- *Expertise and Legitimacy: the EU Model*
Stephen Turner University of South Florida
- *Sociotechnical Objects in Tobacco Litigation: Deposing Experts Regarding the "Safe" Cigarette*
David S. Caudill
Washington and Lee University
- *Legitimacy and Public Accountability of Hyper Expertise*
David Mercer University of Wollongong

- *Bayesian Approach to Measure Subjectivity Hidden in Expert Judgment – Case Study on IPCC GHGs Inventory Guidelines*
Shintaro Munakata and Yuko Fujigaki.....
University of Tokyo

4.11 Medical and Genetic Science Studies as Cultural Resistance

Organizers: Annette Burfoot and Jennifer Poudrier

Monterey Room

- *How Alternative is Alternative and Complementary Medicine (CAM)? A Model for Theorizing CAM*
Lesley Biggs University of Saskatchewan
- *It's 2005... Do You Know Where Your Cells Are?*
Aryn Martin..... Cornell University
- *Medical and Genetic Science Studies as Cultural Resistance*
Jennifer Poudrier University of Saskatchewan
Annette Burfoot.....
..... Queen's University at Kingston
- *The Paradox of Delegation or How Standards Contribute to Non-Compliance with Asthma Treatments*
Stefan Timmermans.....
University of California, Los Angeles

4.12 Questions about Technology Development

Pasadena II Room

- *The Case for Schumpeterian Technological Progress*
Arthur M. Diamond, Jr.....
University of Nebraska, Omaha
- *From Technological Monoculture to Technological Diversity*
Steve Breyman
Rensselaer Polytechnic Institute
- *Reshaping Momentum: Using Science and Technology (STS) to Conceptualize the Electric Utility Industry*
Benjamin Sovacool and Richard F.
Hirsh..... Virginia Polytechnic Institute
- *Technology and Transparency as Realist Narrative*
Chad V. Harris
University of California, San Diego

SESSION 5 10:30-12:00

5.1 Environmental Informatics: Developments, Expectations, Controversy

Organizers: Kim Fortun and Lane DeNicola

Del Mar Room

- *Seeing and Synthesizing Systems: The Discovery of Endocrine Disruption*
Sara Ann Wylie
Massachusetts Institute of Technology
- *The Production of Environment: Spatial Representation, Information Technology, and Earth Remote Sensing*
Lane DeNicola.....

- Rensselaer Polytechnic Institute
- *"Selling" Climate Change to Americans*
Candis Callison.....
... Massachusetts Institute of Technology
- *Caring for the Data, Informing Environmental Health*
Kim Fortun Rensselaer Polytechnic Institute

5.2 New Media Studies Meets STS:

Portable Technologies

Organizer: danah boyd
Discussant: Heinrich Schwarz

San Jose Room

- *Proliferation and Circulation of Body Data: Picture-Messaging in Medical Practice and Personal Health*
Heidi Cooley
University of Southern California
- *"Private Imaging, Public Exhibition": The Use of Mobile(Phone) Video in Korean Television*
HyeRyoung Ok.
University of Southern California
- *Hybrid Reality Games: Transforming Gaming, Sociability and Urban Spaces via Mobile Technologies*
Adriana de Souza e Silva.....
... North Carolina State University
- *The Cellphone and the Swarm*
Tad Hirsch MIT Media Lab
John Henry Institute for Applied

5.3 Biosecurity: Surveillance, Risk, and the 'War on Terror'

Organizer: Nicholas B. King

Sacramento Room

- *The Soft Cage of Biosecurity? Biological Weapons and the Surveillance Convergence, 1926-2005*
Nicholas B. King.....
..... Case Western Reserve University
- *Techniques of Preparedness*
Andrew Lakoff.....
University of California, San Diego
Stephen Collier..... New School University
- *State(s) of Emergency: Infected Bodies/Infected Nation*
Chris Kortright.....
University of California, Davis

5.4 Exploring the Unruliness of Health Care Indicators

Organizers: Casper Bruun Jensen and
Ellen Balka

Santa Barbara Room

- *Measurement Madness? Building National Health Indicators in Canada*
Ellen Balka..... Simon Fraser University
- *The Messy World of Occupational Health and Safety Indicators: Making Women's Work Visible*
Gael Le Jeune.....
Université du Québec à Montréal

- *Alt.metadata.Health: The Argument for Databases Ethnographies*
Nadine Schuurman Simon Fraser University
- *Is Health Policy Science? Dealing with Genetics in Social Health Insurance*
Erik Aarden Maastricht University

5.5 Current Issues in Engineering Studies
II: Engineering Epistemology and Ethics (*Affiliated with the International Network for Engineering Studies*)
 Organizer: Gary Downey

San Diego Room

- *Anticipating The Engineer of 2020: The Existential Criticism of Engineering*
Carl Mitcham.....
- *Troubling Engineers: Anti-Oppressive Education and the Engineer of 2020*
Jane Lehr.... King's College London
Sharon Ruff Virginia Tech
- *What Does Engineering Ethics Means at NSF?: Report of the "Ethics Education in Science and Engineering" Competition*
Rachelle Hollander.....
... National Science Foundation

5.6 Interrogating Nanotechnologies I:
Nano-hopes, Nano-hypes, Nano-fears
 Organizers: Clark A. Miller and
 Cyrus C. M. Mody

Pasadena Room

- *Visions and Controversies in Nanotechnology: The Acceptance Politics of a Future Key Technology*
Daniel Barben.....
University of Wisconsin-Madison
- *Problematic Symbols in Nanomedicine*
Chris Toumey University of South Carolina
- *Gray Goo Run Amok: the History of Fears of Nanotechnology in the U.S.*
Kellen Backe.....
University of Wisconsin-Madison

5.7 Economic Life, Accounting, and the Anthropology of Calculation
 Organizers: Donald MacKenzie and
 Alex Preda

Pacific Ballroom A

- *Socio-Technical Agency and Calculation in Financial Markets*
Alex Preda.....
- *The Architecture of Calculation*
Caitlin Zaloom..... NYU
- *When Social Skills are not Enough to Transform Institutionalized Markets*
Peter Karnøe and Susse Georg.....
... Copenhagen Business School
- *Calculating Consumer Creditworthiness, Calculating the Price of Credit*
Martha Poon..
... University of California, San Diego

5.8 Knowledge Environments II

Pacific Ballroom B

- *Galileo's Stream: A Framework for Technical Knowledge Production*
Jessica Glicken Turnley.
..... Galisteo Consulting Group
Jeffery Tsao, Kevin Boyack, Michael
Coltrin and Wilhelm Gauster
..... Sandia National Laboratories
- *Sans-culotte or Regular Force? : Interdiscipinarity, Organization and the Shifting Identity of Emergency Medicine*
Masato Fukushima..... University of Tokyo
- *The National Innovation Systems Conceptual Approach as a Social Technology and Boundary Object*
Naubahar Sharif..... Cornell University
- *The Sociology of Parts: Complexity in Socio-Technical Systems*
Benjamin Sims, Andrew Koehler and
Greg Wilson.....
..... Los Alamos National Laboratory

**5.9 Unruly Organs and Desires:
Scientizing Sexual Knowledge,
Measuring Sexual Response, and
Producing Normative Sexual Subjects**
Organizers: Katrina Karkazis and
Steven Epstein

Pacific Ballroom C

- *Practicing Phallometry, Making Sexualities: The Prolific Career of the Penile
Plethysmograph*
Tom Waidzunus and Steven Epstein..
University of California, San Diego
- *Technologies of Desire and Theories of Development: Hierarchies of Offenders in Forensic Sexology*
Rebecca Young. Columbia University
- *A Good Baby is a Straight Baby: The Production of Normative Sexuality in Intersexuality*
Katrina A. Karkazis Stanford University
- *The Difference That Difference Makes*
Jennifer Fishman
..... Case Western Reserve University

5.10 The Limits to Participation
Organizers: Dave Huitema and
Udo Pesch

San Marino Room

- *The Limits to Participation*
Dave Huitema, Marleen van de Kerkhof
and Udo Pesch.....
..... Vrije Universiteit Amsterdam
- *The Ideal of Participation in STS*
Udo Pesch and Dave Huitemaa.....
..... Vrije Universiteit Amsterdam
- *Science, Technology, and Radically Democratic Representation*
Mark Brown
California State University, Sacramento
- *The Limitation of Consensus Conferences: Cases from Japan*
Mariko Nishizawa University of Stuttgart
- *The Fairy Tale of Copenhagen and the Lullaby of London: Deliberative Governance and the Social Construction of Consensus*
Maja Horst..... Copenhagen Business School
Alan Irwin.. University of Liverpool

5.11 Representing Bodies

Monterey Room

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- *Representing Pain: FMRI and Pain Visualization Techniques*
Jennifer L. Croissant University of Arizona
- *Enacting Images in the Physiology Laboratory: Representations of the Transformation of (Human) Embryo*
Steven Wainwright..... University of London
- *Composed Techno-scapes: Representations of Racialized and Gendered Bodies in Public Health Discourse*
Clare C. Jen
University of Maryland, College Park

5.12 Objects I

Pasadena II Room

- *"The Intimacy Wasn't There at All": Relating to World War II Warplanes*
Kent Wayland University of Virginia
- *Unruly Artifacts and Controversial Policy: Gun Violence and Gun Control in America 1934-2005*
Dave Conz Arizona State University
- *The Author as an Elusive Subject: The Interplay of Technology, Communication and Work in the Adoption of Beta*
Pablo Boczkowski Northwestern University
- *Building Amish Community: Values, Boundaries, and Technological Choice*
Jameson M. Wetmore.....
Arizona State University

Lunch 12:00-1:30

Meetings

Monterey Room

Video Ethnography II

Organizers: Wes Shrum, Marianne de Laet
and Rick Duque

San Diego Room

CASTAC Meeting

(AAA Committee for the Anthropology of
Science, Technology and Computing)

Del Mar Room

4S Business Meeting

SESSION 6 1:30-3:00

6.1 Science, Technology, and the Environment: Equity, Justice, and Funding Issues

Organizer: David Hess

Del Mar Room

- *Object Conflicts and Clean Fuels: Diesel-based Health Risks, Colliding Expertise, and Bus Design*
David Hess..... Rensselaer Polytechnic Institute
- *Health and Environmental Funding for Nanotechnology*
Emily Valerio.....
Rensselaer Polytechnic Institute
- *Equity, Agricultural Biotechnology, and Public Scientists in South India*

Electra Weeks.....

..... New School for Social Research

- *From the Age of Ecology to Green Business: The Cultural Appropriation of the Environmental Movement*
Andrew Jamison Aalborg University

6.2 New Media Studies Meets STS: Media and Place

Organizer: ken anderson

Discussant: Mizuko Ito

San Jose Room

- *Designing Smart Spaces Through Mobile and Locational Technologies*
Heinrich Schwarz.....
University of Colorado at Boulder
- *Rewriting the History of Geographic Information Systems: From Map Layer to Object Management*
Michael Curry.....
University of California, Los Angeles
- *Re-Scripting Space and Re-Imagining Information in Ubiquitous Computing*
Paul Dourish..... University of California, Irvine

6.3 Rethinking Nonhuman Agency Through the Animal and the Machine

Organizers: Eduardo Kohn and

Natasha Schull

Discussant: Bruno Latour

Sacramento Room

- *Against Networks: an Ethology of Non-Human Humans*
Christopher M. Kelty..... Rice University
- *Seized by Formulas*
Vincent Antonin Lepinay
Columbia University
- *Agency by Design: The Play of Autonomy and Compulsion in Las Vegas Video Gambling*
Natasha Schull.. Columbia University
- *We May Have Never Been Human But Non-humans Have Always Been Persons*
Eduardo Kohn. University of Michigan

6.4 Interoperability: Analysis - Beyond Standards I

Organizers: David Ribes and

Geoff Bowker

Discussant: Geoff Bowker

Santa Barbara Room

- *On Non-standard Standards: Developing Metadata for an Educational Digital Library*
Michael Khoo.....
.... National Center for Atmospheric Research
- *Standardization in Action: From the Adoption of the Ecological Metadata Language to its Enactment*
Florence Millerand and Karen S. Baker...
University of California San Diego
- *Governing Food, Risk, and Trade: Codex Alimentarius and International Standards*
Saul Halfon Virginia Tech
- *Experimenting with the Archive: Implications of the 'Philosophies of Becoming' for Databases and Collections*

Claire Waterton.....
Lecturer in Environment and Social Policy

6.5 Unearthing Histories and Representations of Technologies and Technologists in Brazil and Colombia
(Affiliated with the International Network for Engineering Studies)

Organizers: Andres Valderrama and Juan Lucena
Discussant: Gary Downey

San Diego Room

- *Persistence and Resistance: Engineering as a Feminine Profession in Brazil*
Maria Rosa Lombardi..
Fundação Carlos Chagas
- *Diesel vs. Gas: Lay and Expert Representations of Fuel, Environment and Performance*
Andres Valderrama and Isaac Beltran.....
... Universidad de los Andes, Colombia
- *Re-engineering Technocracy: Hybridizing Identities of Engineers as Technology Policy-makers in Colombia*
Richard Arias
Rensselaer Polytechnic Institute
- *From "Jap" to Nikkeijin to Brazilian: Identity Shaping and the Construction of Nations among Brazilian Engineers*
Juan Lucena. Colorado School of Mines

6.6 Interrogating Nanotechnologies II: The Ordering of Nanoscience: Laboratory, Discipline, University

Organizers: Clark A. Miller
and Cyrus C. M. Mody

Pasadena Room

- *The Controversial Status of Realism About Microscopy*
Otávio Bueno University of South Carolina
- *Nanotechnology and the Modern University*
Cyrus Mody..... Chemical Heritage Foundation
- *The Role of Images in the Development of NanoScience/Technology*
Chris Robinson
University of South Carolina

6.7 Markets

Pacific Ballroom A

- *Framing Innovations and Markets: Two Examples from the Case of Online Music Distribution in France*
Jean-Samuel Beuscart
.... Ecole Normale Supérieure de Cachan
- *Fixing Reality? Social Security Reform and the De-inscription of the Economy in Mexico*
Tara Schwegler University of Chicago
- *Modeling a Market. On the Construction of a Healthcare Model for the Netherlands*
Stans van Egmond Erasmus University
- *Economic Statistics as a Technology of Distance – on the Establishment of Israel's Economy During the '50s*
Anat Leibler
University of California, San Diego

- *Reinsurance Experiments with Genetics: Towards a Socially Robust Insurance Market?*

Ine Van Hoyweghen.....

University of Maastricht

6.8 Postphenomenology and Unruly

Materiality

Organizers: Don Ihde and

Cathrine Hasse

Pacific Ballroom B

- *Hearing the Unhearable: Auditory Technologies*
Don Ihde. Stony Brook University
- *Cultural Perception of Unruly Particles - Beyond Representation and Subjectivity*
Cathrine Hasse The Danish University of Education
- *The Ultrasound Scanner, the Doctor, her Patients and the Embryos- When New Stories of Creation are Staged, on the Ultrasound Scanner at the Fertility Clinic*
Stine Adrian University of Linköping
- *Processes of Ordering and the Making of Differences - Gender and Scientific Knowledge Production*
Lis Højgaard University of Copenhagen

6.9 Race, Genetics and Diseases: Questions of Evidence, Questions of Consequence

Organizer: Joan H. Fujimura

Pacific Ballroom C

- *The 'Care of the Data' 'In the Meantime': Populations, Clusters, Addictions*
Mike Fortun
Rensselaer Polytechnic Institute
- *Languages of Race and Regulation: Commerce and Accountability in Race-Specific Drug Development*
Jonathan Kahn Hamline University
- *Racial Niche Marketing and the Particularities of Racialization in Biomedicine: A Comparison of AIDSVAX and BiDil*
Kevin Moseby and Steven Epstein..
..... University of California, San Diego
- *Genes, Disease and Mexicana/o Ethnicity: The Making of Research and National Subjectivities*
Michael Montoya.....
University of California, Irvine

6.10 Pathways of Scientific Dissent

Organizers: J. Delborne, D. Durant and

J. Howard

San Marino Room

- *Resisting Deep Rock Dumping*
Darrin Durant..... York University
- *Knowledge Domains, Expertise, and Authority: The role of Anti-vaccinationist Scientists and Lay Witnesses*
Jennifer Keelan.....
.... Science and Technology Studies
- *Pathways of Scientific Dissent in Agricultural Biotechnology*
Jason Delborne.....
University of California, Berkeley
- *Scientific Dissent in Ecological Modernization: Industrial Ecology, Green Chemistry, and the Chlorine Controversy*
Jeff Howard.....
University of Texas at Arlington

6.11 Reconstructing Clinical Practice:

Standardization and Modern Medicine

Organizers: Ruth McDonald and
Ann Lennarson Greer

Monterey Room

- *Designing Mobile and Satellite Dialysis Units: Closer to Patients and... Away from Nephrologists?*
Pascale Lehoux and Geneviève Daudelin.....
University of Montreal
- *Rules, Safety and the Narrativization of Identity: a Hospital Operating Theatre Case Study*
Ruth McDonald..... University of Manchester
Justin Waring University of Nottingham
- *National Service Frameworks and UK General Practitioners: Street-Level Bureaucrats at Work?*
Kath Checkland University of Manchester
- *Modernizing Medical Work--Which is What?*
Ann Lennarson Greer
University of Wisconsin-Milwaukee

6.12 Objects II

Pasadena II Room

- *Science as Arbiter: IUD Mechanism of Action and Antiabortion Politics*
Chikako Takeshita.....
University of California, Riverside
- *Exploring Technologies of Intimacy: Minimal Intimate Objects*
Joseph Kaye..... Cornell University
- *The Cultural Construction of 3G*
Catharina Landstrom..... Goldsmiths College

SESSION 7 3:00-5:30

7.1 Science, Technology, and the Environment: Equity, Justice, and Funding Issues

Organizer: David Hess

Del Mar Room

- *Science Under Pressure*
Barbara Allen..... Virginia Tech
- *The Spatial Politics of Breast Cancer: Local, Global, and Social Ecologies of Risk*
Barbara L. Ley.....
University of Wisconsin-Milwaukee
- *Competing and Coordinating Discourses in a Green Building Movement*
Kathryn Henderson Texas A&M University

7.2 New Media Studies Meets STS: Networked Gaming

Organizer: Mizuko Ito
Discussant: Bruce Sterling

San Jose Room

- *Power, Play, and Performance: Studying Virtual Worlds*
Douglas Thomas.....
University of Southern California
- *Lag in Second Life: Time, Cybercultures of Production and Game Studies*
Tom Boellstorff.....

University of California, Irvine

- *Neopoints and Neo Economies: Emergent Regimes of Value in Kids Peer-to-Peer Networks*
Mizuko Ito..... University of Southern California

7.3 **Author Meets Critics: Keating and Cambrosio**

Organizer: Stephen Hilgartner

Sacramento Room

Authors: Alberto Cambrosio and Peter Keating
Critics: Steven Epstein,
Vololona Rabeharisoa and Michael Lynch

7.4 **Interoperability: Interventions – Beyond Standards II**

Organizers: David Ribes and Geoff Bowker
Discussant: Susan Leigh Star

Santa Barbara Room

- *Standardizing Space: A Case Study of A Geospatial Digital Library*
Hamid R. Ekbia and Nathan Stout..... University of Redlands
University of Redlands
- *Infrastructure Development and Personal Change*
Lyn Headley.....
University of California, San Diego
- *What is 'social science' to Cyberinfrastructure?*
David Ribes
University of California San Diego
- *Designing from Within: A Case Study of Embedded Networked Sensing*
Christine L. Borgman and Noel Enyedy.....
University of California, Los Angeles

7.5 **Genders in and of Engineering** *(Affiliated with the International Network for Engineering Studies)*

Organizer: Wendy Faulkner
Chair: Karen Tonso

San Diego Room

- *Race, Class, Gender, and Knowledge in Early 19th-Century Engineering Education in the Southern USA*
Jonson Miller..... Virginia Tech
- *Student Engineers and Identity: Masculinities, Femininities, Expertise, and Power*
Karen L. Tonso Wayne State University
- *"Building the Woman Engineer": The Activism of Canadian Women Engineers since the 1970's*
Ruby Heap..... University of Ottawa
- *'Can I Get Your Email?': Gender, Social Capital and Networking among Engineering Undergraduates*
Shelley Erickson Arizona State University

7.6 **Interrogating Nanotechnologies III: Governing Nanotechnology in the Workplace, the Marketplace, and the Polity**

Organizers: Clark A. Miller and Cyrus C. M. Mody

Pasadena Room

- *Techno-glocalism: the National Science Foundation, Nanotechnology and the End of the Cold War*
Jason Gallo Northwestern University
- *Tracking Nanotech: The Debate over Merrill Lynch's Nano Stock Index and the Boundaries of Nanotechnology*
Daniel Thurs..... Cornell University
- *Comparative Perspectives on the Governance of Emerging Technologies: Lessons for Nanotechnology*
Clark A. Miller.....
University of Wisconsin-Madison
- *Uncertain, Unknown, Unseen or Ignored? How Scientists' Standpoints Shape Their Nanotechnology Risk Frames*
Maria Powell.....
University of Wisconsin-Madison
- *Nanotechnology and the Public in Japan*
Yasumoto Fujita and Shuji Abe..... NAIST.....

7.7 Organizing Science

Pacific Ballroom A

- *New Forms of Scientific Integration*
John N. Parker..... Arizona State University
- *Research Centers as Agents of Change in Different Institutional Contexts: Their Role in Minority Serving Institutions and EPSCoR States*
Juan D. Rogers.....
..... Georgia Institute of Technology
- *Kepler: Visual Modeling Middleware that Captures the Process of Science*
Samantha Romanello and Deana Pennington..... University of New Mexico

7.8 Trading Zones and Interactional Expertise

Organizer: Michael E. Gorman
Chair: Ed Hackett
Discussants: Jim Spohrer and
Brad Allenby

Pacific Ballroom B

- *Imitating Expertise: Experiments in the Sociology of Knowledge*
Robert Evans and Harry Collins
.. Cardiff School of Social Sciences
- *Imitating Expertise: More Experiments on Interactional Expertise*
Harry Collins and Robert Evans.....
.. Cardiff School of Social Sciences
- *Trading Zones During Innovation in Both Education and Environmental Business*
Matthew M. Mehalik.....
University of Pittsburgh
- *Trading Zones, Interactional Expertise and Emerging Technologies*
Michael E. Gorman..... University of Virginia

7.9 Post-Genomic Futures and Their Representations/Performance in Science and Technology Studies

Organizers: Brian Wynne and
Ruth McNally

Pacific Ballroom C

- *Post-Genomic Celebrations of Biological Complexity: (re) Intimations of Control*
Brian Wynne Lancaster University
- *Beyond the Human Genome Project: Revolutions, Omics and Turfwars*
Ruth McNally and Peter Glasner ESRC
- *DNA-testing of Fatherhood: Does it Make a New Standard?*
Kristin Hestflått.. NTNU
- *Translations Across the Machine-Nature Border*
Joan H. Fujimura.....
University of Wisconsin, Madison

7.10 The Conservative Challenge to Scientific Hegemony: Insights from STS

Organizer: Carl Mitcham

San Marino Room

- *Republican Science: Contested Knowledge and Political Ideology*
Frank N. Laird.. University of Denver
- *Leon Kass and the Pre-emptive Ethics of Biotechnology*
Carl Mitcham Colorado School of Mines
- *The Logical Reconstruction of Science vs. the Social Construction of Science*
Juan Bautista Bengoetxea.....
University of the Basque Country
- *Representing Climate Science in the Face of Unruly Opposition*
Naomi Oreskes.....
University of California, San Diego

7.11 Changing the Subject: Rethinking Scientific Liberalism

Organizers: Rebecca Herzig and
Jenny Reardon
Discussant: Rebecca Herzig

Monterey Room

- *More and Better Life: Lamarckian Eugenics as the Undead*
Diane M. Nelson..... Duke University
- *Transcending Rodents, Modeling Human Agency: Genetics/Genomics and the Environmental Health Sciences*
Sara Shostak Columbia University
- *Global Citizenship? Genetics, Nations and the Politics of Citizenship*
Banu Subramaniam.....
University of Massachusetts, Amherst
- *Genetic Exchange and the Constitution of the Ethical Subject*
Jenny Reardon.....
University of California, Santa Cruz

7.12 Methods

Pasadena II Room

- *Using Situational Analysis to Design Multi-Site STS Projects*
Adele E. Clarke.....

University of California, San Francisco

- *Studying across Global Singularities in Science Studies: Beyond "Culture" and the Discourse of Exceptionalism*
Roddey Reid.....
..... University of California, San Diego
- *Network Dynamics and the Problem of Trust in Interorganizational Collaboration*
Ingrid Erickson Stanford University
- *Why Analyses of Boundaries are Less Useful Than Analyses of Relationships of Power*
Kelly Moore University of Cincinnati

Arizona State University Reception 5:30-6:00

Room TBA

4S Business Meeting 6:00-7:00

Del Mar Room

Reception (Cash Bar) 6:00-7:00

International Ballroom Foyer

Banquet (ticketed event) 7:00-9:00

International Ballroom

SATURDAY, OCTOBER 22, 2005

SESSION 8 8:30-10:00

8.1 Producing Nature

Organizer: Wyatt Galusky

Del Mar Room

- *On Considering the Domesticated Chicken as a Form of Technology, and What Such a Consideration Might Have to Say About Nature and Technology*
Wyatt Galusky SUNY-Morrisville
- *Ecological Media, but not the Print Kind: Tying Nature and Science Together in 19th Century Agrarian America*
Benjamin Cohen..... University of Virginia
- *The Place of Research in the Monarch Butterfly Controversy*
Christopher Henke Colgate University

**8.2 Media Studies Meets STS:
Information Visualization and Media
Design**

Organizer: Julian Bleecker

Discussant: Tara McPherson

San Jose Room

- *Towards an Archaeology of the Future*
Laura Watts.. Lancaster University
- *Landscape as Interface: How Creative Uses of the Global Positioning System Enable Location Aware Med???*
Julian Bleecker.....
University of Southern California
- *Visualizing and Voicing the Science/Culture Interface*
Marsha Kinder.....
- *Unseen Forces: The Ecology of Electronic Book Review (4.0)*
Ewan Branda
University of California, Los Angeles
Anne Burdick..... Art Center College of Design

8.3 STS meets History of Ideas

Sacramento Room

- *Bruno Latour's "Felix Culpa": Science Studies, Context, and the Politics of Knowledge*
Nadine I. Kozak
University of California, San Diego
- *The History of "Useful Science: S&TS and the History of Ideas*
Anna Maerker Max Planck Institute
- *Technological Risk and Justice: Kristin Shrader-Frechette's Philosophical Critique of Risk Assessment*
Topi Heikkero..... University of Helsinki
- *The Evolution of a Stable Practice: Conceptual and Methodological Developments in Risk Assessment*
Rachel Washburn.....
University of California, San Francisco

8.4 The Global Commodification and Privatization of Healthcare I

Organizers: Lorna Ronald and Jill Fisher

Santa Barbara Room

- *Direct-to-Consumer Advertising: Creating Empowered Consumers?*
Lorna Ronald
Rensselaer Polytechnic Institute
- *Racialization of a Generic Drug: the Commodity Fetishism of Thiazide*
Anne Pollock.....
... Massachusetts Institute of Technology
- *Redefining a Technology: Public and Private Genetic Testing in Aotearoa, New Zealand*
Anne Scott and Rosemary Du Plessis
University of Canterbury
- *Prescription for Conflict: the Impact of Russian Social Reforms on Prescription Medicine*
Anna Geltzer Cornell University

8.5 Cultural Dynamics of Engineering and New Technology (affiliated with the Intentional Network of Engineering Studies)

Organizers: Gary Downey and Knut Sorensen

San Diego Room

- *When Hackers Become Parents: Coming of Age in ICT*
Birgit Nestvold NTNU
- *The Co-Production of Gender and ICT Policy in a Transnational Perspective*
Nora Levold, Knut H. Sørensen and Vivian A. Lagesen.. NTNU
- *Past Futures and Technoscientific Innovation: Science Fiction in the Lives of Scientists and Engineers*
Kenneth R. Fleischmann.....
..... Florida State University
- *Technoscience at the Intersection of Institutional and National Boundaries: the Development and Diffusion*
Amit Prasad.....
University of Wisconsin, Madison

8.6 Feminist Technologies: Case Studies in Designing Technologies for

Women's Bodies

Organizers: Kate Boyer, Sharra Vostral
and Linda Layne
Discussant: Judy Wajcman
Chair: Kate Boyer

Santa Clara Room

- *Hidden Assurances: Tampons, Design, and the Question of Unruly Female Bodies*
Sharra Vostral.....
. Rensselaer Polytechnic Institute
- *New barriers to HIV: Negotiating the Design of a Female-Controlled Preventive Technology*
Anita Hardon.....
..... Amsterdam School for Social Science Research
- *Feminist Technologies: The Case of the Home Pregnancy Test*
Linda L. Layne.....
..... Rensselaer Polytechnic Institute
- *A Need to Bleed? Nature, Necessity, and Menstruation*
Jennifer Aengst.....
University of California, Davis

8.7 Borderliners: Unruly Secrets and the Technopolitics of Knowledge

Organizer: Paul N. Edwards

Santa Monica Room

- *Translucency and the Technopolitics of Resistance in Apartheid South Africa*
Paul N. Edwards and Gabrielle Hecht..
University of Michigan
- *"Sensitive but Unclassified": Secrecy and the Counter-Terrorist State*
Joseph Masco University of Chicago
- *Secrecy, Style, and the Drawing of Nuclear Weapons*
Alex Wellerstein Harvard University

8.8 Property, Presence, and Practice: IT and Instruction in Higher Ed

Organizers: Jennifer L. Croissant,
Gary Rhoades and Sheila Slaughter

Tower I

- *Organizational Socialization in Chemical Engineering and Biology Departments*
Rebecca Debenport..... University of Arizona
- *Information Technology Professionals' Attitudes Towards Intellectual Property Policy: Whose Side are You On?*
Glenn H. Williams University of Arizona
- *Hybrid Learning Collectives: Enacting a Distance Education Ontology*
Francis Lee Linköping University

8.9 Formal/Informal Encounters: A Genesis of Unruly Objects

Organizer: Susan Leigh Star

Tower II

- *Feminism and Formalism*
Susan Leigh Star.. Santa Clara University
- *Measures of Chernobyl Radiation*
Olga Kuchinskaya.....
University of California, San Diego

- *Negotiating The Unruly – Speed/Speed Limits And Politics In Road Infrastructures*
Jane Summerton Linköping Universitet

8.10 Unruly Numbers

Tower III

- *Formalizing Practices: False Numbers and other Forms of Knowledge*
Martha Lampland.....
University of California, San Diego
- *"A Wispy Thing Like Smoke": Accounting for Error in Forensic Identification*
Simon Cole..... University of California, Irvine
- *Numbers Don't Speak for Themselves: Talk as Strategy and Management in Sales Forecasting*
Melissa Cefkin and Jeanette Blomberg.....
..... IBM Almaden Research Center
- *The 'clever and crooked path' for Corporate Financial Accountability*
Gian Marco Campagnolo.....
University of Trento

8.11 The Future

Tower IV

- *The Role of Boundary Objects in Integrative Medicine*
Ellen J. Salkeld University of Arizona
- *Imagining the Ward of the 21st Century*
Patrick Feng University of Calgary
- *"Tomorrow's Operating Theatre": New Technologies for Collaboration in and Around an Operating Theatre*
Tor Erik Evjemo NTNU
- *Technology Nurtured - Patterns of Redesigning and Representing away Anomalies in a New Technology*
Sampsa Hyysalo University of Helsinki

8.12 Science, Religion, Publics and Politics

Tower V

- *The Secret, the Sacred, and the Scientific: Modern Islamic Views on Knowledge Production and Representation*
Kyriaki Papageorgiou....
- *Culture-Talk, Islam and Technology in Senegal*
Pauline Kusiak Northwestern University
- *Defining the Public, Defining Sociology: Complementary Perspectives in the Study of Science and Religion*
Michael S. Evans
University of California, San Diego

SESSION 9 10:30-12:00

9.1 Weather and Water

Del Mar Room

- *Archives, Models, and Rivers: Deliberative Design and the Politics of Water*
Steven Jackson University of Michigan
- *Negotiating the Weather: Weather Forecasting in the Digital Age*
Phaedra Daipha University of Chicago
- *Coping with the Threat of Climate Change: Technological Strategies and Cultural Responses*
Marianne Ryghaug NTNU
- *Strategies of Dissent: The Case of Stratospheric Ozone Depletion*
Erik Conway Jet Propulsion Laboratory

9.2 New Media Studies Meets STS: Historicizing Design: Some Alternative Origin Stories for Technological Design

Organizer: Tara McPherson
Discussant: Nina Wakeford

San Jose Room

- *Comprehensive Design and the Technocratic Counterculture*
Fred Turner Stanford University
- *Exhibiting Electronic Culture: Notes from Mid-Century*
Tara McPherson.....
University of Southern California
- *Click to Add Title: PowerPoint Demonstrations and the New Economy of Persuasion*
Verena Paravel and David Stark.....
Columbia University
- *Engineering the Technological Imagination*
Anne Balsamo
University of Southern California

9.3 Purity and Danger

Sacramento Room

The Values of Provocation: What Happened to the Danger in Science and Technology Studies?

- Steve Woolgar University of Oxford
- *Unruly Indeed: The Significance of Laboratory Break-Ins*
Tom Gieryn and Emily Meanwell.....
..... Indiana University
- *Scientist Hires Witch to Exorcise Tower: Using Magic to Conjure Science Differently*
Michelle Corbin University of Maryland

9.4 The Global Commodification and Privatization of Healthcare II

Organizers: Lorna Ronald and Jill Fisher

Santa Barbara Room

- *Translating Participation into Pharmaceutical 'Results': Manifestations of Hegemony in the Privatization of Clinical Trials*
Jill A Fisher..... Arizona State University
- *Science, the State and Transnational Clinical Trials: Contesting 'Tenofovir' in Nigeria*
Kristin Peterson... Michigan State University
- *Capturing Research: From Ibuprofen to Vioxx*
Sergio Sismondo Queen's University

9.5 Internet Effects

San Diego Room

- *Gender and Science in Developing Areas: Has the Internet Reduced Inequality?*
B. Paige Miller Louisiana State University
- *Tale of Two Golpes: the Legacy of Dictatorship, Chilean Science and the Internet*
Ricardo B. Duque. Louisiana State University
Guillermo Henriquez.....

Universidad de Concepcion

Wesley Shrum Louisiana State University

- *Internet as a Tool for Network Activism. A Case study of the electronic governance of World Social Forums*
Cardon Dominique and Christophe
Aguiton
.. Lab de sociologie des usages France Télécom
- *Inter-racial Community Building through Blogs*
Yuya Kiuchi
University of Massachusettes, Boston

9.6 Feminist Technologies: Case Studies in Designing Technologies for Women's Bodies

Organizers: Kate Boyer, Sharra Vostral
and Linda Layne

Chair: Sharra Vostral

Santa Clara Room

- *Breast Pumps: A Feminist Technology, or (yet) 'More Work for Mother'?*
Kate Boyer..... Rensselaer Polytechnic Institute
Maia Boswell
..... State University of New York at Albany
- *Mapping Emotional Governance: 100 Years of Incubator Ads*
Kyra Landzelius.....
... Institute for Advanced Studies on Science
Technology and Society
- *Re-envisioning Neonatal Intensive Care Through an Interdisciplinary Design Studio*
Frances Bronet University of Oregon

9.7 Biodiversity

Santa Monica Room

- *"Seeing" Genes: Seed Banks and the Preservation of Biodiversity—But Just What is Being Preserved?*
Michael S. Carolan Colorado State University
- *Scientific Practice and Biodiversity: Amateurs and Professionals*
Cameron Taylor University of Melbourne
- *The Unruliness of Biodiversification: The Unreal Real of Dot Maps and Biological Recording in the UK*
Rebecca Ellis Lancaster University
- *Objects of Wonder, Subjects of Controversy: The Hidden History of Hortus Indicus Malabaricus*
Sita Reddy.....
Smithsonian Center for Folklife and
Cultural Heritage

9.8 Educations

Tower I

- *Beyond Nature: Critical Engaging Science to Queer Teachers and Students*
Jane L. Lehr King's College London
- *Educational Technology and the Morphology of Risk*
David Shutkin..... John Carroll University
Matthew Weinstein... Kent State University
- *Seeing Science Education for What It Is, Was, and Could Be*
Rodney Ogawa, Rhiannon Crain, Molly
Loomis, Tamara Ball and Ruth Kim.....

University of California, Santa Cruz

- *Unsettling Science in the Classroom: Too Little Unruliness*
Michael Flower Portland State University

9.9 **Madness, Crime, Eradication: Practicing the State Through the Body**

Organizer: Michelle Stewart
Discussant: Patrick Carroll

Tower II

- *The Biopolitics of Fumigation*
Kristina Lyons
University of California, Davis
- *"Mental Health", Medical Discourses and Neo-liberal Policies in Peru*
Rossio Motta.....
University of California, Davis
- *Investigating/Investigated Bodies: Practicing the State through Crime "Sciences"*
Michelle Stewart
University of California, Davis
- *New Bodies, New Crimes*
Henrique Luiz Cukierman and
Ivan da Costa Marques..
..... Federal University of Rio de Janeiro

9.10 **Politics of Knowledge II**

Tower III

- *The Political Economy of Tacit Knowledge: Power and Exploitation in a Mathematical Field*
Daniel Breslau Virginia Tech
- *The Transhumanist Network: Population as a Terrain of Struggle in Visions of Advanced Technoscience*
Ben Grosscup Hampshire College
- *Asperger's Solitary Ally: Psychiatric Debate and the Educational Policy on Autism in Postwar Japan*
Kohei Inose and Masato Fukushima.....
The University of Tokyo
- *Academic Cartography: How Patents Shape Biological Research*
Leah Nichols
University of California, Berkeley

9.11 **Carnevalesque medicine: Representing and Displaying Curious, Anecdotal, Unique, Peculiar and Monstrous Biomedical Objects**

Organizer: Thomas Soderqvist

Tower IV

- *Refusing Categorisation and Contextualisation – Biomedical Researchers as Singularities*
Thomas Soderqvist.....
University of Copenhagen
- *Cryptic Particularities – Possible Uses of Objects and Anecdotes in the Study of Science and Technology*
Adam Bencard University of Copenhagen
- *Revisiting Curiosity – Utilizing Weird and Singular Objects in Exhibitions of Recent Biomedical Science*
Camilla Mordhorst.....

University of Copenhagen

9.12 The Past: What an Unruly Thing!

Organizers: Matt Ratto, Michael Shanks
and Christopher Witmore

Tower V

- *Dissimilar Simulation: the Epistemics of Simulation in Archeology*
Matt Ratto
.... Royal Netherlands Academy of Arts
and Science
- *Listening to Things: Augmented Reality and the Science Question in Archaeology*
Michael Shanks Stanford University
- *The Liquid Document: Between Paperwork and the Digital in a Symmetrical Archaeology*
Christopher Witmore Stanford University

Lunch 12:00-1:30

Meetings

Monterey

Video Ethnography III, Roundtable

Organizers: Wes Shrum, Marianne de Laet,
Jay Prag, Scott Frank and Rick Duque

Santa Clara Room

Feminist Technologies: Case Studies in Designing Technologies for Women's Bodies

Organizers: Kate Boyer, Linda Layne and Sharra Vostral

San Jose Room

New Media Outlets for Scholarship

Organizers: Josh Greenberg, Sergio Sismondo
and Tarleton Gillespie

SESSION 10 1:30-3:00

10.1 Biotech

Del Mar Room

- *When Models Misbehave: Developing Standardized Organisms into Model Systems*
Jeanette Simmonds.....
- *Animal Embodiments: Mapping the Practice of Cloning Animals of Endangered Species*
Carrie Friese
University of California, San Francisco

10.2 Joint 4S/ISSI Panel on Mapping Science

Organizer: Henry Small

San Jose Room

- *Combined Mapping of the Science and Technology Literature at the Structural and Detailed Levels*
Kevin Boyack Sandia National Laboratories
- *Visualizing Critical Trails of Scientific Knowledge*
Chaomei Chen..... Drexel University
- *Citation structure of an Emerging Research Area*
Henry Small

- *Studying and Supporting the Emerging Global Brain*
Katy Börner Indiana University

10.3 Divergence: Object, Intermediary, User (I) and II

- Organizers: Michael Lynch, Janet Vertesi and Rachel Prentice
Discussant: Lucy Suchman

Sacramento Room

- *Swimming in the Joint: Surgery, Technology, and Perception*
Rachel Prentice... Cornell University
- *Laser-Sharp Visions? Images and Uses of the Laser, 1960*
Rebecca Slayton. Stanford University

10.4 e-health: Information + Individual=Empowerment (Or Does it?)

- Organizer: Judith Krajnak

Santa Barbara Room

- *Health Literacy: How to Reach People who Can't Get or Understand Health Information?*
Irving Rootman..... University of Victoria
- *Online/Offline: Studying User Experience of Consumer Health Information*
Karen Smith Simon Fraser
- *You've Got Information! Findings from a Provincial Health Information Program Involving Teletriage*
Judith Krajnak
University of British Columbia
- *Is Unruliness Good for Your Health?*
Lorna Heaton Université de Montréal

10.5 Global Research Practices

San Diego Room

- *Japanese Government Fund for Genome Research*
Yuko Ito..
National Institute of Science and Technology Policy
- *Domination of the Scientific Field: the Capital Struggle in A Chinese*
Wei Hong University of Illinois at Chicago
- *Increasingly Complex Relationships between Research and Training in the Biomedical Sciences: Evidence from Three Large Labs in Canada*
Annalisa Saloni McGill University
- *Neutral Accent: the Social Life of International Call Centers in India*
A. Aneesh
University of Wisconsin-Milwaukee

10.6 Doing Gender

Santa Clara Room

- *Deconstructing the Co-Construction of Gender and Technology?*
Vivian A. Lagesen NTNU
- *Gender, Magic, and the Reification of Other*

Deborah Blizzard

Rochester Institute of Technology

- *Talking Science, Telling Stories, Doing Gender?*
Rosemary Du Plessis.....
University of Canterbury
- *Contesting Contraceptive Innovation - Rescribing the Script*
Anita Hardon
Amsterdam School for Social Science Research

10.7 Governing Information Technologies

Santa Monica Room

- *Political Objectives and Governance of Information and Communication Technologies*
Antti Pelkonen University of Helsinki
- *Technoscience Studies of Free/Libre and Open Source Computing: Methodological Perspectives from the Malaysian Case*
David Hakken Indiana University
- *Information Technologies and Unruliness in the Newspaper Industry*
Ronize Aline Matos de Abreu.....
..... COPPE-UFRJ and UniCarioca
Ivan da Costa Marques IM-NCE-UFRJ

10.8 Looking Multimodally: New Views of Teaching, Learning and Play

Organizers: Jennifer Jenson and
Suzanne de Castell

Tower I

- *More than Words Can Say: Using Multimedia to Study Teaching and Learning Multi-Modally*
Suzanne de Castell.. Simon Fraser University
- *Closer Look at Boredom: 'Behavioral Enrichment' and Serious Play*
Nicholas Taylor and Jennifer Jenson.
..... York University
- *Tell Me about It: What Girls Say and What They Play*
Jennifer Jenson York University
- *Posthuman Playspaces: Human-Machine Interaction in Digital Games*
Bart Simon Concordia University

10.9 Affective Anatomies: Biomedical Encounters and Somatic Events

Organizers: Natasha Myers, Natalie Loveless
and Mary Weaver
Discussant: Donna Haraway

Tower II

- *Experiential Anatomies: Modeling Bodies Through "Deep-tissue" Physiology*
Natasha Myers.....
... Massachusetts Institute of Technology
- *Volitional Embodiments: Medicine and Transsexuality*
Mary Weaver.....
University of California, Santa Cruz
- *'Farther Uses of the Dead for the Living': Günter von Hagens' Körperwelten (Bodyworlds)*
Natalie Loveless.....
University of California, Santa Cruz

10.10 BioethicsTower III

- *Killer Applications: The Metabolic Syndrome, Racial Inequalities in Diabetes and Cardiovascular Disease*
Anthony R. Hatch.....
University of Maryland College Park
- *Displaced Ethics? Tracing Bioethics in the Context of a Participatory Scientist-Lay Interaction in the Field of Genomics*
Michael Strassnig, Annina Müller,
Maximilian Fochler and Ulrike Felt.....
University of Vienna
- *Mapping ELSI*
José López University of Ottawa
- *Herding Cats: Bioethics Education Policies, Unruly Life Scientists and Anomalous Local Narratives in Italy, the UK and the US*
Laurel Smith-Doerr Boston University

10.11 ArtTower IV

- *Molecular Biography: Science-based Art as a Resource for Science Studies*
Dehlia Hannah Columbia University
- *Scientific Objects and Truth Discourse in the Performances of the Critical Art Ensemble*
Lindsay Kelley.....
University of California, Santa Cruz
- *Digitalisation of Cultural and Scientific Collections – Museums as Multi-Actor Spaces*
Per Hetland NIFU STEP
- *Soft Science*
Rachel Mayeri.... Harvey Mudd College

10.12 Author Meets Critic

Organizer: Gary Downey
Author: Nelly Oudshoorn
Critics: Wiebe Bijker, Adele Clarke
and Leigh Star

Tower V**SESSION 11 3:00-5:30****11.1 Clean Energy**Del Mar Room

- *Innovation Processes – the Hype and Hope for Cleaner Energy*
Anne Louise Koefoed.
..... Norwegian School of Management
- *Controversies About Wind Turbine Design: Facilitating Crossdisciplinary Communication?*
Ingrid Øverås NTNU
- *The Making of “Holey” Plans - The Politics of Siting and Localisation of Wind Farms in Norway and Scotland*
Jøran Solli NTNU
- *Steel Forests and Smoke Stacks: The Role of Imagery and Aesthetics in Wind Power Debates*
Roopali Phadke
Harvard University/Macalester College
- *ANT (AND) Discourse, Why Not?*
Martin Hultman Linköping University

11.2 Technology and Regulation in a Brave New Media World: Between Norms, Laws and Markets

Organizers: Shay David, Dan L. Burk,
Julie E. Cohen, Priscila Faulhaber and
Sasha Costanza-Chock

San Jose Room

- *Licensing for a Collaborative World*
Shay David.....
.... Cornell Science and Technology Studies
- *Beyond Copyleft: Patenting Open Source Bioinformatics*
Dan L. Burk
University of Minnesota Law School
- *Recollecting Indigenous Thinking*
Priscila Faulhaber Barbosa
. Museu Goeldi/MCT
- *New Progressive Coalitions in Global Media Policy Processes*
Sasha Costanza-Chock
University of Southern California
- *Normal Discipline in the Age of Crisis*
Julie E. Cohen
Georgetown University Law Center

11.3 Divergence: Object, Intermediary, User (II)

Organizers: Michael Lynch,
Janet Vertesi and Rachel Prentice
Discussant: Michael Lynch

Sacramento Room

- *Mind The Gap: The London Underground Map and Users' Narratives of Urban Space*
Janet Vertesi Cornell University
- *Shifting Scales in Architectural Design*
Albena Yaneva.....
... Austrian Academy of Sciences
- *Professional Vision and the Technological Future of Breast Cancer Detection*
Cateljne Coopmans Imperial College London

11.4 Unruly Subjects: The Politics of Medicalization in the 21st Century

Organizer: Jonathan Metzl

Santa Barbara Room

- *Gender Stereotypes in the Diagnosis of Depression: A Systematic Analysis of Medical Records*
Jonathan Metzl University of Michigan
- *Pharma Porn: Making the Case for Medicalization*
Nick King Case University
- *Biological Involution and Immigrant Bodies: The Medicalization of Citizenship*
Miriam Ticktin University of Michigan
- *Constructing Inner Space: Biomedical Narratives of Depression*
Jeff Stepnisky.....
University of Maryland, College Park

11.5 States in Action: Accounting for Techniques, Politics, and Outcomes in International Technoscientific Projects

Organizer: Dan Plafcan

Discussant: Paul Edwards

San Diego Room

- *How States are—and are not—Bound in Techno-Political Configurations: The International Politics of Constructing a Remote-Sensing System*
Dan Plafcan University of Tokyo
- *Fragile Alliances: Nuclear Power in Central and Eastern Europe*
Sonja Schmid.. Stanford University
- *Creating Scientific Cooperation Across Boundaries: Marine Science and the Quest for Understanding*
Sara Tjossem Columbia University

11.6 Gender and Technology

Santa Clara Room

- *The Intersection of Feminism, Technology Studies, and Social Justice: The Case of Doing Research on Computer Tinkering in Taiwan*
Honghong Tinn
..... State University of New York, Albany
- *How Does Sex Selection Technology Travel? A Postcolonial Feminist Perspective*
Chia-Ling Wu National Taiwan University
- *Gender Stratification and E-Science: Can the Internet Circumvent Patrilocality?*
Meredith Anderson and Wesley Shrum...
Louisiana State University
- *Replacement Therapy in Turkey: Controversy at the Intersection of Gender Identity, Medicine and Modernization*
Maral Erol Rensselaer Polytechnic Institute
- *CS, VBAC, and Gynecological Surgery: Connections and Contradictions of Action Networks in Post-War Taiwan*
Fu Daiwie National Tsing-Hua University

11.7 Beyond Privacy and Property: Rethinking the ICT Policy Landscape

Organizers: Michael Curry and

Leah Lievrouw

Discussant: Michael Curry

Santa Monica Room

- *Read at Your Own Risk: Shrinkage of Privacy and Interactive Media*
Lemi Baruh University of Pennsylvania
- *Retentive Amnesiac: On the Emerging Digital Past*
Jean-Francois Blanchette.....
University of California, Los Angeles
- *Ecologies of Attention and Forgetting: Intellectual Freedom, Place, and ICTs*
Michael R. Curry and Leah A. Lievrouw.....
University of California, Los Angeles
- *Subcultural Knowledge and the Information Commons – but I Think you have the Latest Information on That*

David J. Phillips
University of Texas at Austin

11.8 Representations

Tower I

- *Representation of Unruly Actors in Technology Production: Technology, Disablement and Political Procedure*
Vasilis Galis Linköping University
- *The Controversy of the Representations about the Use of the NTIC in Education: the "Red-P" Case in Bogota, Colombia*
Yuri Romero, Javier Jimenez and
Monica Bustamante.....
. University of Andes /University National
of Colombia
- *Representational and Communication Challenges in Discourses on the Societal Impacts of Technologies*
Elizabeth Keating
University of Texas at Austin
- *A Case Study of MoveOn.com during the 2004 Presidential Campaign*
Noriko Hara Indiana University
Hamid Ekbia University of Redlands

11.9 Unruly Bodies and Anomalous Minds: The Figuring of Women in Human Genomics

Organizers: Maureen McNeil &
Lancaster Team

Tower II

- *Unruly Bodies and Anomalous Minds: The Figuring of Women in Human Genomics*
Maureen McNeil Lancaster University
- *Gendered Bodies, Reproduction and Genomic Film Narratives*
Kate O'Riordan Lancaster University
- *Scientist, Source Material or Clone-carrier: Women's Bodies in Genomic News Discourses*
Joan Haran Cardiff University
- *'Drawing a Line' Versus Processes of Normalisation*
Merete Lie, Kristin Hestflått and
Malin Noem Ravn NTNU
- *Gender, Genes and Reproduction*
Merete Lie NTNU

11.10 Impact and Performance Measurements

Tower III

- *Online Visualization of Local (and Policy-Relevant) Impact Environments of the Journals of the (Social) Science Citation Index*
Loet Leydesdorff..... University of Amsterdam
- *Drawing Boundaries: An Examination of Meta Analysis as Used By Psychology*
Regan Shercliffe and Megan Tuttle.....
University of Regina
- *Findings from e-Learning Partnership Case Studies; Critically Assessing Partnership Performance Measurements*
Zenon Zambakides University of Edinburgh
- *The Structure of Impact Factor of Academic Journals in the Field of Education and Educational Psychology: Citations Coming*

from Articles Published by Their Editorial

Board Members (I)

Juan Miguel Campanario and
Lidia Gonzalez... Universidad de Alcalá

- *The Structure of Impact Factor of Academic Journals in the Field of Education and Educational Psychology (II)*
Juan Miguel Campanario.....
Universidad de Alcalá

11.11 Feral Expertise in Engineering and STS

Organizers: Natalie Jeremijenko and
Park Doing
Commentator: Will Kavesh Pratt

Tower IV

- *Velvet Revolutions and Sustainable Worlds: Expertise Inside and Outside the Laboratory*
Park Doing Cornell University
- *Engineering Expertise that Defines Its Limits*
Gary Downey Virginia Tech
- *Open Sources: Robots-Action-Experts*
Natalie Jeremijenko.....
University of California, San Diego
- *Public Space, Public Discussion and Social Computing*
Warren Sack
University of California, Santa Cruz

11.12 Encyclopedic Knowledge: Critical Comparisons of Two Neo- Enlightenment Projects

Organizer: Carl Mitcham
Discussant: Rudi Volti

Tower V

- *Now We Know You're Crazy' (H.M. Collins): Making Encyclopedias, or Running Around in Circles*
Sal Restivo Rensselaer Polytechnic Institute
- *The Ethical Failures of the Encyclopedia of Science, Technology, and Ethics versus the STS Achievements of the Encyclopedia of Science, Technology, and Society*
Carl Mitcham Colorado School of Mines

Macmillan Reference and Oxford University Press Reception 5:30-6:00

TBA

