

Schedule of AARST-Sponsored Panels

NCA 2002

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Wednesday, November 20

AMERICAN ASSOCIATION FOR THE RHETORIC OF SCIENCE 6th ANNUAL PRE-CONFERENCE

When: Wednesday, November 20, 8:00-6:15 p.m.

Where: La Galerie 1, Second Floor, Marriott

Sponsors: Preconvention Conference American Association for Rhetoric of Science & Technology

Chair: Joanna S. Ploeger, University of Iowa

Thursday, November 21

AMERICAN ASSOCIATION FOR THE RHETORIC OF SCIENCE & TECHNOLOGY BUSINESS MEETING

When: Thursday, November 21, 8:00-9:15 a.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Officers:

P. Anand Rao, Mary Washington College

Joanna S. Ploeger, University of Iowa

Gordon R. Mitchell, University of Pittsburgh

William M. Keith, University of Wisconsin, Milwaukee

Timothy M. O'Donnell, Mary Washington College

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USING SCIENCE TO SET POLICY AND VICE VERSA: CASE STUDIES IN THE RHETORIC OF SCIENCE POLICY

When: Thursday, November 21, 9:30-10:45 a.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Timothy M. O'Donnell, Mary Washington College

"Rhetoric Analysis of the Low-Power Radio Debate: Communicative Foundations of a Policy-Making Process."

Linda C. Berdayes, Saint Mary's College

"Vicious Vivisectors and Reformed Reseachers: Conflicting Images of Science in the Rhetoric of PETA."

Wendy Atkins-Sayre, University of Georgia

"Communication Studies and the Rhetoric of Social-Scientific Disciplinarity: A Case Study of the Ohio State University."

Vicente Berdayes, Saint Mary's College

Respondent: Timothy M. O'Donnell, Mary Washington College

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CONSTRUCTING AND SHAPING SCIENCE: STUDYING THE USE OF RHETORIC IN SCIENCE

When: Thursday, November 21, 11:00-12:15 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Henry P. Krips, University of Pittsburgh

"Phantom Bodies: Genetic Fingerprinting and the Edges of Corporeality."

Roger J. Stahl, Pennsylvania State University

"Rhetoric and the Field of Human Genomics: The Problems and Possibility of Mixed Metaphors."

Leah M. Ceccarelli, University of Washington

"The Rhetoric of Scientific Modeling: The Case of the Clonal Selection Theory of Antibody Diversity."

Andrew Y. Glikman, University of Texas, Austin

"Thomas Hobbes 'Physical Dialogue' and Seventeenth Century Void Debate: The Rhetoric of Conflict as an Exercise in the Sociology Of Scientific Knowledge."

Renu Dube, University of Pittsburgh

Respondents: Henry P. Krips, University of Pittsburgh

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CASE STUDIES IN MEDICAL RHETORIC

When: Thursday, November 21, 12:30-1:45 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Ruth J. Cronje, University of Wisconsin, Eau Claire

"Asylum Notes: The Historical Antecedents of Psychiatry's Case Histories."

Carol Berkenkotter, University of Minnesota, Twin Cities

"Metaphorical Medicine: Using Metaphors to Enhance Communication with Patients Who Have Pulmonary Disease."

Sara J. Newman, Kent State University

"The Intercultural Transfer of Medical Knowledge and Scientific Ideology."

Ruth J. Cronje, University of Wisconsin, Eau Claire, Aaron Broeger, University of Wisconsin, Eau Claire

Respondent: Joan Leach, University of Pittsburgh

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RHETORICAL STUDIES OF STRUCTURE, RESEARCH AND CONSTRUCTIONS OF SCIENCE

When: Thursday, November 21, 2:00-3:15 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Joanna S. Ploeger, University of Iowa

"The Application of Structuration Theory to the Ethnographic Study of Scientific Research Teams."

Arthur Andrew Kidd, Wayne State University

"Galileo's Heirs: Conspiracy Argument in the Race/IQ Debate."

John P. Jackson, University of Colorado, Boulder

"Anytime, Anywhere: Promoting Technomadic Work in the New Economy."

Michelle L. Rodino, University of Pittsburgh

Respondent: Joanna S. Ploeger, University of Iowa

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BOUNDARIES OF THE ARTIFICIAL: RHETORIC AND THE CREATION OF SYNTHETIC INTELLIGENCE

When: Thursday, November 21, 3:30-4:45 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: William M. Keith, University of Wisconsin, Milwaukee

"Achieving Rhetorical Presence Through Embodied Conversational Agents."

Scott Millward, University of South Carolina

"Rhetoric and Re-Thinking: Rhetorical Challenges to the Question 'Can A Machine Think?'." Douglas E. Thomas, University of Southern California

"Engaging Artificial Intelligence: Crafting a Relevant Reality in Science."

Joseph Delfin, University of Memphis

"Metaphors of Mind: The Nexus Between Rhetoric and Epistemology in AI."

Roy Joseph, Duquesne University

"Artificial Life II?: Understanding the Rhetoric of Evolution in the Connectionist School of A.I.."

Mike T. Hubler, University of Alabama, Huntsville

Respondent: William M. Keith, University of Wisconsin, Milwaukee

Friday, November 22

TAINTED ETHOS: SCIENTISTS' CREDIBILITY UNDER ATTACK

When: Friday, November 22, 9:30-10:45 a.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: John Lyne, University of Pittsburgh

"Kinsey: A 'Disgusting' Man."

Robert A. Brookey, Arizona State University

"The Great Yanomami Controversy: Chagon and Neel Under Attack."

David B. Depew, University of Iowa

"Fisher Dethroned: The Making and Breaking of Scientific Ethos."

Lisa Keranen, University of Pittsburgh

Respondent: John A. Campbell, University of Memphis

Description:

Some have contended that terms of the rhetorical tradition such as ethos yield little when applied to the discourses of modern science. This panel explores three significant episodes in which the ethos of scientists, and the taint on that ethos, has been central to the reception of their work and to the fate of major research programs.

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SETTING BOUNDS WITHIN SCIENCE

When: Friday, November 22, 12:30-1:45 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: P. Anand Rao, Mary Washington College

"Equivocation in an Interdisciplinary Inspirational Text: Causes and Effects"

Christian K. Nelson, University of Massachusetts

"Problematizing the Distinction Between Expert and Lay Knowledge."
William J. Kinsella, Lewis & Clark College

"Science, Demarcation and Language: Toward an Existential Understanding of Science and Rhetoric."
John A. Lynch, University of Georgia

Respondent: P. Anand Rao, Mary Washington College

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NEW CASE STUDIES IN THE RHETORIC OF SCIENCE: PUBLIC ARGUMENT AND POLICY

When: Friday, November 22, 2:00-3:15 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Joan Leach, University of Pittsburgh

"Fear Appeals in Public Argument About Genetically Modified Food."
Robert Margesson, Humboldt State University, Michael S. Bruner, Humboldt State University

"Whose Remains Are They Anyway? Kennewick Man and the Controversy Over Implementation of the Native American Graves Protection and Repatriation Act."

David C. Cram-Helwich, University of Pittsburgh

"How Certain is Certain Enough? Thabo Mbeki and the AIDS Dissenters."

Marcus A. Paroske, University of Pittsburgh

"A Case Study in the Perennial Conflict Between Science and Secrecy: Or, Why Would Secrecy in Science Be Any Worse Than Secrecy Elsewhere?."

Karen M. Taylor, University of Pittsburgh

Respondent: William M. Keith, University of Wisconsin, Milwaukee

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'PARTICIPATION' IS NOT A VERB: RHETORIC OF STAKEHOLDER ENGAGEMENT IN THE DEPARTMENT OF ENERGY

When: Friday, November 22, 3:30-4:45 p.m.

Where: Armstrong Ballroom, Eighth Floor, Sheraton

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Joanna S. Ploeger, University of Iowa

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RHETORIC OF SCIENCE IN THE DIGITAL REALM

When: Friday, November 22, 5:00-6:15 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: William M. Keith, University of Wisconsin, Milwaukee

Second Thoughts: Toward a Critique of the Digital Divide.

David J. Gunkel, Northern Illinois University

Dangerous Futures: Artificial Intelligence and Scientific Argument.

Barbara Warnick, University of Washington

Word Circuits: The Linguistic Origins of Key Terms Used in Telecommunications Policy.

Scott C. Forbes, George Washington University School of Law

On the Limits of Cyber-Communities as 'Places' of Virtuous Dwelling. Quentin J. Schultze, Calvin College, Stacey Wieland, University of Colorado

Respondent: William M. Keith, University of Wisconsin, Milwaukee

Saturday, November 23

SPACE DEVELOPMENT, EXPLORATION AND DISSENT: RHETORIC OF SCIENCE IN THE MAKING OF SCIENCE POLICY

When: Saturday, November 23, 9:30-10:45 a.m.

Where: Galvez, Fifth Floor, Marriott

Sponsor: American Association for Rhetoric of Science & Technology

Chair: Gordon R. Mitchell, University of Pittsburgh

Science Fictions: Government and Private Rhetoric on Space Development, Exploration and Colonization *.
Omri M. Ceren, University of Pittsburgh

Public Argument and National Space Policy in the Bush Administration.
Timothy M. O'Donnell, Mary Washington College

Controversy in Space: Policy Arguments Surrounding the Use of Nuclear Reactors in Space.
P. Anand Rao, Mary Washington College

Respondent: Gordon R. Mitchell, University of Pittsburgh

* Student Paper

WOMEN, SCIENCE, AND THE RHETORIC OF SCIENCE

When: Saturday, November 23, 3:30-4:45 p.m.

Where: Galvez, Fifth Floor, Marriott

Sponsors: American Association for Rhetoric of Science & Technology Women's Caucus

Chair: Julia T. Wood, University of North Carolina, Chapel Hill

Gossamer Wings: Rhetoric and the Robotic Moth *.
Michelle R. Silva, University of Pittsburgh

Gender, Psychiatry and the Construction of a Mental Disorder *.
David Johnson, University of Georgia

Comparing Competing Credibility Claims: The Case of Wen Ho Lee *.
Karen M. Taylor, University of Pittsburgh

The Function of Scientific Argument in the Georgia Ports Authority's Consensus Based Stakeholder Evaluation Group *.
Caitlin Wills Toker, Gainesville College

Respondent: Joan Leach, University of Pittsburgh

* Student Paper

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