

Agenda for 2nd Symposium on Astrosociology Track**

SPESIF 2010 Conference

Johns Hopkins University / Applied Physics Laboratory

February 23 – 25, 2010

Tuesday, February 23, 2010

Plenary II: Auditorium

10:15am – 12:15pm

Reflections on the First Fifty Years of the Space Age and Prospects for the Next Fifty: An Astrosociological Assessment

Moderator: Roger Launius (Bio)

Curator - National Air and Space Museum Smithsonian Institution

10:15am Reflections on the First Fifty Years of the Space Age ... (Abstract)

Howard E. McCurdy (Bio)

American University

10:45am Leading Spaceflight (Abstract)

Mark Albrecht (Bio)

11:15am Making Spaceflight Policy (Abstract)

John M. Logsdon (Bio)

George Washington University

11:45am Socializing Spaceflight (Abstract)

Linda Billings (Bio)

George Washington University and NASA's Astrobiology Program

Tuesday, February 23, 2010

Classroom 3

1:15pm – 3:15 pm

C01. Astrosociology: Definition, Scope, and Relevance/Astrosociology in the Classroom

Chair: Jim Pass (Bio)

Astrosociology Research Institute, Huntington Beach, CA, (714) 317-6169

jpass@astrosociology.org

Co-Chair: Simone Caroti (Bio)

Purdue University, Department of Literature, West Lafayette, IN, (765) 426-4380

scaroti@purdue.edu

1:15PM Astrosociology in the Classroom: Developing a Practical Applied Sociology Course (Abstract)

(021) Ken Duffy (Bio)

1:45PM Astrosociology and Science Fiction: a Synergy (Abstract)

(054) Simone Caroti (Bio)

2:15PM Justifying and Teaching Astrosociology (Abstract)

(057) Jim Pass (Bio)

2:45PM OPEN

****Break****

Wednesday, February 24, 2010

Classroom 3

8:00am – 8:30am

C02. Science Fiction and Scientific Actuality

Chair: Simone Caroti

Purdue University, Department of Literature, West Lafayette, IN, (765) 426-4380;

scaroti@purdue.edu (Bio)

Co-Chair: TBD

8:00AM Science-Fictional Advocacy for the First Space Age, 1940-1960 (Abstract)

(055) Simone Caroti, (Bio)

Wednesday, February 24, 2010

Classroom 3

8:30am – 10:00am

C03. Space Policy and Space Law in a Societal Context

Chair: Christopher M. Hearsey

University of North Dakota, (818) 209-7029

outer.space.analysis@gmail.com (Bio)

8:30AM Morality and Ethics in Outer Space Laws and Policies: An Astrosociological Approach(Abstract)

(039) Christopher Hearsey, (Bio)

9:00AM As Above, So Below (Abstract)

(040) David Damast, (Bio)

9:30AM OPEN

****Break****

Wednesday, February 24, 2010

Classroom 3

10:15am – 11:15am

C04. Astrosociology and Astrobiology (and SETI)

Chair: Jim Pass (Bio)

Astrosociology Research Institute, Huntington Beach, CA, (714) 317-6169;

jpass@astrosociology.org

10:15AM The Astrosociological Implications of Astrobiology Revisited (Abstract)

(082) Jim Pass, (Bio)

10:45AM Social Implications of the Discovery of Life on Extra Solar Planets

(107) Julia DeMarines (Bio)

Wednesday, February 24, 2010

Classroom 3

11:15am – 12:15am

C11. Interplanetary Political Economy

Chair: Christopher M. Hearsey, University of North Dakota,
(818) 209-7029; outer.space.analysis@gmail.com (Bio)

11:15AM Expectations for Future Funding of NASA and Space Science: Implications of the Obama FY 2010 Budget Request (Abstract)

(037) Colleen Hartman (Bio)

11:45AM The Political Economy of Outer Space: Considerations in the Development of an Interplanetary Economic System (Abstract)

(038) Christopher Hearsey (Bio)

****Lunch****

Wednesday, February 24, 2010

Classroom 3

1:15pm – 3:15pm

C06. Space Societies/The Settlement of Space Environments

Chair: Simone Caroti (Bio)

Purdue University, Department of Literature, West Lafayette, IN, (765) 426-4380

scaroti@purdue.edu

Co-Chair: Jim Pass (Bio)

Astrosociology Research Institute, Huntington Beach, CA, (714) 317-6169;

jpass@astrosociology.org

1:15PM Preventing and Identifying Delusions in Space & Society (Abstract)

(043) Terry Tang, (Bio)

1:45PM Space Exploration and the Greenland Norse; a Comparative Study on the Application of Technology for Exploration (Abstract)

(079) Theodore D. Swanson (Bio)

2:15PM Lessons for Space Age Exploration; Technology in the Polynesian Diaspora into the Pacific (Abstract)

(078) Theodore D. Swanson (Bio)

2:45PM OPEN

****BREAK****

Wednesday, February 24, 2010

Auditorium

****5:30 - OPEN BAR****

Banquet Dinner

6:00pm – 8:30 pm

7:00PM Unknown Stories from Space

Robert Zimmerman (Bio - Abstract)

Thursday, February 25, 2010

Classroom 3

8:00am – 9:30am

C05. Planetary Defense and Societal Protection

Chair: Lindley Johnson (Bio)

NASA Headquarters, Washington, DC, (202-358-2314; lindley.johnson@nasa.gov)

8:00AM Latest NEO Activities at NASA

Lindley Johnson

8:30AM NEO Survey: An Efficient Search for Near-Earth Objects by an IR Observatory in a Venus-like Orbit ([Abstract](#))

(074) Robert F. Arentz (Bio)

9:00AM Challenges of Deflecting an Asteroid or Cometary Nucleus with a Nuclear Burst ([Abstract](#))

(087) Paul A. Bradley ([Bio](#))

****BREAK****

Thursday, February 25, 2010

Classroom 3

10:15am – 12:15am

C07. Technology Transfers and Spinoffs: How Space Technologies Improve Life on Earth

Chair: Douglas A. Comstock (Bio)

Director, Innovative Partnerships Program (NASA HQ), 202 358-2221

doug.comstock@nasa.gov

Co-Chair: Daniel P. Lockney (Bio)

Spinoff Editor, NASA Center for AeroSpace Information (CASI), 301-621-0224

Daniel.P.Lockney@nasa.gov

10:15AM Satellite Technology for Developing Countries: A Research Agenda ([Abstract](#))

(024) Danielle Wood (Bio)

10:45AM (Not Should, but) Do Spinoffs Help Public Acceptance of NASA, especially Human Space Exploration? ([Abstract](#))

(041) Howard D. Ross, ([Bio](#))

11:15AM The Secrets of Their Success (Abstract)

(105) S. Beam (Bio)

Thursday, February 25, 2010

Classroom 3

11:45am – 12:15pm

C09. Medical Astrosociology

Chair: Melvin Marsh (Bio)

Covington GA 30016; 770-778-9016

melsmarsh@gmail.com

Co-Chair: Simone Caroti (Bio)

Purdue University, Department of Literature, West Lafayette, IN, (765) 426-4380

scaroti@purdue.edu

11:45AM Ethical Issues Regarding Informed Consent for Minors for Space Tourism (Abstract)

(062) Mel Marsh (Bio)

****Lunch****

Thursday, February 25, 2010

Classroom 3

1:15am –1:45pm

C09. Medical Astrosociology (continued)

1:15PM Biochemical Stress Markers for Depression, Mood State, and Back Pain in Healthy Men during Simulated Microgravity: Implications for Long Duration Spaceflight (Abstract)

(102) Balwant Rai, Jasdeep Kaur, Maria Catalina (Bio)

Thursday, February 25, 2010

Classroom 3

1:45pm – 3:15pm

C10. Overview Effect

Chair: Frank White

Co-Chair: Loretta Hidalgo Whitesides

1:45PM Virtual World Astrosociology (Abstract)

(014) William Sims Bainbridge, (Bio)

2:15PM The Overview Effect and Overview Thinking (Abstract)

(080) Frank White (Bio)

2:45PM The Overview Effect: It is Up to Us to Impact the Evolution of Society (Abstract)

(106) Loretta Hidalgo Whitesides (Bio)

****Break****

Thursday, February 25, 2010

Auditorium

3:30 – 5:30 pm

Lecture Series

3:30PM Distributed Fusion Power Sources for Mars Exploration (Abstract)

(LS2) George Miley (Bio)

4:30PM The Chameleon Solid Rocket Propulsion Model (Abstract)

(LS5) Glen A. Robertson (Bio)

**** NOTE:** Confirm this schedule with the final version that you receive at the conference.