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)

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**
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)

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**

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)
C11. Interplanetary Political Economy

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

(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**

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)
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**

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)

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**

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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.