

# Space Science, Environmental Ethics, and Policy at NASA-Ames

**PROJECT COORDINATORS:**

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*Sponsored by*

- Center for Environmental Philosophy
- UNT Department of Philosophy and Religion Studies
- Center for Space Exploration Policy Research
- National Space Society

Wednesday, April 11, 2007

1:00-1:30 pm Intro: Gene Hargrove, Mark Bullock, Chris McKay, Robert Frodeman

1:30-2:30 pm **Keynote Speaker:** George Whitesides, National Space Society: "Do We Need a Planetary Ethic?"

**Near-Earth Space (Hargrove)**

2:30-3:30 pm Clark Chapman - Asteroids, Comets, and the Environment

3:30-3:45 pm Break

3:45-4:45 pm David Morrison - Problems with Asteroids and Comets

4:45-5:45 pm Carl Mitcham - Taking Exploration Ethics and Engineering Ethics into Space: An Aristotelian Perspective

5:45-7:00 pm Reception

7:00-8:00 pm William Hartmann - The Beauty of the Solar System

Thursday, April 12, 2007

8:30-9:30 am Nicholas L. Johnson - The Challenge of Orbital Debris

9:30-10:30 am John Lewis - Building the Moon Base: Living Off the Land

10:30-10:45 am Break

10:45-11:45 am David Livingston - Lunar Development: Ethics, Reality and Fantasy!

**Planetary Issues (Frodeman)**

11:45-12:45 am Bret Drake - The Mars Mission

12:45-2:00 pm Lunch (Catered)

2:00-3:00 pm Christopher P. McKay - Terraforming Mars

3:00-4:00 pm Margaret Race - Planetary Protection

4:00- 4:15 pm Break

4:15- 5:15 pm Connie Bertka - Religion and the Solar System

5:15-7:00 pm Dinner

Friday, April 13, 2007

**Biological Issues (McKay)**

8:30-9:30 am Penny Boston - Astrobiology: Extraterrestrial Life

9:30-10:30 am Eugene Hargrove - Valuing Extraterrestrial Life

10:30-10:40 am Break

10:40-11:40 am David Grinspoon – Extraterrestrial Spirituality

**The Human Dimension (Bullock)**

11:40-12:40 pm Kristin Shrader-Frechette - Risk in Space Exploration

12:40-2:00 pm Lunch (Catered)

12:40-1:30 pm Robert Frodeman, Rusty Schweickart, and Will Marshall - Space Governance

12:40-2:00 pm Mark Bullock and Mark Lupisella - Boston/Ames Summaries

2:00-3:00 pm Larry Young - Problems with Human Health

3:00-4:00 pm Radford Byerly - Social, Political, and Economic Issues

4:00-4:15 pm Break

4:15-5:15 pm Robert Frodeman - Summing Up

6:00 pm Yuris Night - Greening of Space (Optional Activity)

**For more information, contact us at 940-565-2727 or cep@unt.edu.**