Results: Mars vs. Europa vs. Titan

2011 student preferences:
Mars: 7 (Baltej, Ben, Laura, Matt, Mohammad, Nora, Sid)
Europa: 4 (Austin, Joey, Lauren, Yael)
Titan: 1 (Jade)

2008 student preferences:
Mars: 2 (Corey, Luke)
Europa: 9 (Chris, Desiree, Eric, Jessica, Joey, Kelly, Nauman, Paul, Samantha)
Titan: 1 (Salman)
Response paper #8:
Every year, Nobel Prizes are awarded to recognize outstanding accomplishments in the areas of physics, chemistry, physiology or medicine, literature, peace, and economics. Are there particular high-profile discoveries related to astrobiology that—if they were made in the future—you feel would (or would not) be appropriately recognized by Nobel Prizes?
Reading for Tuesday (11/15)

Bennett & Shostak 12.3 – SETI
(Search for Extraterrestrial Intelligence)

SETI@home, a new search strategy, and SERENDIP V

the Allen Telescope Array
Sending messages to the cosmos?

Electromagnetic... and physical!

Pioneer 10 & 11 plaques

Arecibo message

Voyager 1 & 2 records
Response paper #9:

The Arecibo Message, the Pioneer Plaques, and the Voyager Golden Records are three examples of deliberate efforts to communicate with extraterrestrial civilizations. Assess the effectiveness of one or more of these communications, and describe what information you feel our next such electromagnetic or physical message to the cosmos should contain.
End-of-semester scheduling

11/29 Final selection of “student choice” topics.
   Last response paper due.

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12/6 Class 26: student choice #1
   Topic, scope, draft reference list for term paper due.
12/8 Class 27: student choice #2
12/13 Class 28: four-way discussion of the Drake equation

...  

12/23 Term paper due (by email).
Easter Island: treeless landscape
Different components of “moai”
Lithic mulching
Protective “manavai” + endangered tree
Rano Kau crater = haven for biodiversity