

**Thursday, April 29, 2010**  
**SEARCH FOR INTELLIGENT LIFE II.**  
**GLOBAL ENGAGEMENT AND INTERSTELLAR MESSAGE CONSTRUCTION**  
**4:15 p.m. Crystal Salon B**

*After a review of new projects to engage the global community in SETI, this session examines the challenges of creating interstellar messages that will be intelligible to their recipients.*

**Chairs: Frank Drake**  
**Douglas Vakoch**

- 4:15 p.m. Tarter J. C. \* Agrawal A. Ackermann R. Blair S. K. Bradford M. T. Cooper D. M. Harp G. Jordan J. Kilsdonk T. Smolek K. E. Randall K. Reid R. Ross J. Shostak G. S. Vakoch D.  
[\*Getting the World Actively Involved in SETI Searches\*](#) [#5568]  
 Tarter's 2009 TED Prize and attendant wish-to-change-the-world are utilizing new technologies to create ways for individuals around the world to creatively improve extant search programs and actively participate in them.
- 4:30 p.m. Lower T. A. \* Vakoch D. A. Clearwater Y. Niles B. A. Scanlin J. E.  
[\*What the World Needs Now: Identifying the Relative Degree of Specific Maslovian Needs and Degree of Species-Level Self-Identification in Interstellar Messages Submitted by a Multinational Sample\*](#) [#5369]  
 This presentation reports on the use of the SETI Institute's Earth Speaks online project as a projective measure of the geographic and demographic distribution of perceived needs, as well as the degree of species-level self-identification in humans.
- 4:45 p.m. Jameson K. A. Lomborg J. \*  
[\*The Use of Color in Interstellar Message Design\*](#) [#5064]  
 We consider color as a medium for interstellar messaging, and specifically compare possible uses of color with existing efforts in the area of interstellar communications (e.g., the Voyager Interstellar Record).
- 5:00 p.m. Busch M. W. \* Reddick R. M.  
[\*Testing SETI Message Designs\*](#) [#5070]  
 There have been limited efforts to transmit interstellar messages. To check if such messages can be interpreted, we conducted a blind test. One of us coded a message, which the other deciphered accurately, supporting the message design as a structure for active SETI.
- 5:15 p.m. Dunér D. \*  
[\*Tellurian Cognition and Interstellar Communication\*](#) [#5017]  
 Could communication be possible between intelligent beings of totally different evolutionary and cognitive histories? I believe that cognitive science can give clues to how we might interpret and formulate interstellar messages.
- 5:30 p.m. Traphagan J. W. \*  
[\*Culture, Meaning, and Interstellar Message Construction\*](#) [#5009]  
 This presentation explores the concept of culture as it is used in anthropology and instances of contact between anthropologists and terrestrial "alien" civilizations and considers how these can inform thinking about potential contact with ETI.

- 5:45 p.m. Elliott J. R. \* Baxter S.  
[\*The Disc Quotient: A Post Detection Strategy\*](#) [#5228]  
The authors present a numerical method to facilitate the public communication of work, during the receipt of a potentially decipherable signal from extraterrestrial intelligence.
- 6:00 p.m. Michaud M. A. G. \*  
[\*Seeking Contact: The Relevance of Human History\*](#) [#5653]  
In considering the possible consequences of contact with an extraterrestrial civilization, we should draw objectively on the only data base we have: human history and human behavior in contact situations here on Earth.