

国台学术报告 NAOC COLLOQUIUM

2012 年 第 61 次 / Number 61, 2012

TIME: Tuesday 3:00 PM, Nov. 06, 2012 **LOCATION: A601 NAOC**

IS ANYBODY OUT THERE?

The Search for ET with help from Eight Million Volunteers



Dan Werthimer (University of California)

Dr. Dan Werthimer is the chief scientist of SETI@home and several radio and optical SETI programs at the University of California, Berkeley. Werthimer also directs the Center for Astronomy Signal Processing and Electronics Research (CASPER), and is associate director of the Berkeley Wireless Research Center (BWRC). Werthimer was associate professor in the engineering and physics departments of San Francisco State University and a visiting professor at Beijing Normal University, the University of St. Charles in Marseille, and Eotvos University in Budapest. He has taught at universities in Peru, Egypt, Ghana, Ethiopia, Zimbabwe, Uganda and Kenya. Werthimer has published numerous papers in the fields of SETI, radio astronomy instrumentation and science education; he is co-author of "SETI 2020", editor of "BioAstronomy: Molecules, Microbes and Extraterrestrial Life" and "Astronomical and Biochemical Origins and the Search for Life in the Universe".

Abstract

Werthimer will discuss the possibility of life in the universe and the search for radio and optical signals from other civilizations. Berkeley's SETI@home project analyzes data from the world's largest radio telescope using desktop computers from millions of volunteers.



SETI@home participants have contributed millions of years of computer time and have formed one of Earth's most powerful supercomputers. Users have the small but captivating possibility their computer will detect the first signal from a civilization beyond Earth. Werthimer will also discuss other citizen science projects, next generation radio telescopes, as well as speculate on when Earthlings might discover other civilizations.

All are welcome! Tea, coffee, biscuits will be served at 2:45 P.M.

You are welcome to nominate speakers to Shude Mao (shude.mao@gmail.com), Licai Deng (licai@bao.ac.cn), Xuelei Chen (xuelei@cosmology.bao.ac.cn).