



PHYSICS AND ASTRONOMY COLLOQUIUM

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Is Anyone Out There? SETI@home and the Breakthrough Listen Project

Abstract

What is the possibility of other intelligent life in the universe? Can we detect radio, infrared, or visible light signals from alien civilizations? Current and future projects searching for such signals, including the new \$100-million Breakthrough Prize Foundation Listen project, may provide an answer. Dan Werthimer will describe the plans for future searches and show how new technologies are revolutionizing the search for extra-terrestrial intelligence (SETI). He will also describe the SETI@home project, which analyzes data from the world's largest radio telescopes using desktop computers and cell phones from millions of volunteers, forming one of Earth's most powerful supercomputers.

Wednesday, September 20, 2017

2:30 p.m.

Elliott Building

Room 167