

Lakeland Lectures

Lakeland College is pleased to present our ongoing lecture series, free of charge, for scholars, students and members of the public to discuss contemporary issues. You are cordially invited to our next lecture.

AN INTRODUCTION TO Radio Astronomy

a lecture by

Dr. Sander Weinreb

California Institute of Technology

Thursday, Sept. 27, 2012, 7:00 PM

What are electromagnetic waves? How do we see, feel, and use these waves in our everyday lives? The study of this topic is the science of radio astronomy. Following the introduction to electromagnetic waves, the presentation will describe how these radio waves from space were discovered, how the speaker was captured to make this his life work, and a brief description of the discoveries that he finds most fascinating—from the Big Bang to the search for radio waves from other civilizations.

Dr. Weinreb is a Senior Faculty Associate in the Electrical Engineering Department at California Institute of Technology (Caltech) and a Principal Engineer at Jet Propulsion Laboratory (JPL). Prior to joining Caltech in 1999, he has been on the faculty of U. of Massachusetts and U. of Virginia and led the Electronics Division of National Radio Astronomy Observatory for 23 years. He is the recipient of the Jansky Prize and the Reber Award for his contributions to radio astronomy.

Location: 5-7-12 Shinjuku, Shinjuku-ku, Tokyo, 1st Floor
See www.lcjapan.com/lectures for map; Tel: 03-3225-0425

The Lakeland Lectures are a forum for researchers, students and members of the public to discuss contemporary issues affecting Japan. Lakeland College has offered a U.S.-accredited liberal arts program in Tokyo since 1991. Lakeland's main campus is in Wisconsin, USA and was founded in 1862.