



## Fall 2016 LECTURE SERIES

Unless otherwise noted, lectures will begin at 10:30.  
Light refreshments will be provided.

September 8, 2016

Dr. John Bosco Habarulema, SANSA, South Africa  
Title: New Results and Contribution of Low Latitude Electrodynamics to  
Mid-latitude Electron Density Changes

September 22, 2016

Dr. Anthea Coster, MIT/Haystack Observatory  
Title: Lise Meitner and the Discovery of Fission

October 4, 2016

Dr. Bill Burke, ISR, Boston College  
Title: Some Hidden Treasure of the DMSP Database

MONDAY- October 17, 2016

Dr. Shaun Ard, ISR Boston College, Albuquerque, NM  
Title: Ion Chemistry of Metals in the Gas Phase: from Catalysis to Grainization

TUESDAY October 18, 2016

Dr. Archana Bhattacharyya, Indian Institute of Geomagnetism  
Title: Ionospheric Irregularities

THURSDAY October 27, 2016

Dr. Xiaoyan Zhou, UCLA  
Title: Shock Aurora and Corresponding TEC Enhancement

December 01, 2016

Dr. Bodo Reinisch, Lowell Digisonde International

Title: Groundbased Measurements of Earth's Ionosphere and Real Ionospheric Modeling

December 06, 2016

Dr. Ryan McGranaghan, Thayer School of Engineering, Dartmouth College

Title: Assimilative Specification of Three Dimensional Ionospheric Conductivity and Application to Global Magnetosphere-Ionosphere-Thermosphere Modeling

January 10, 2017

Dr. Carlos Martinis, Center for Space Physics, Boston University

Ionospheric studies using a network of all-sky imagers from equatorial to subauroral latitudes

January 19, 2017

Father Daniel McNamara, Manila Observatory

Fifty Years of Seismic Research at Davao, Manila

January 24, 2017

Dr. Vadym Paznukhov, ISR, Boston College

Title: TID Study in Antarctica: Field Results from Neutrals

March 9, 2017

Dr. Min Chang Lee, Boston University/MIT

Title: Whistler Wave Interactions Experiments at Arecibo

March 21, 2017

Dr. Kathleen Kraemer, ISR, Boston College

Title: Variable Stars in the Milky Way and Magellanic Clouds