



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 Chemi-ionization

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-time 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 sub-auroral 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 New Instruments

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

April 13, 2017

Ms. Sally Wyman, Head Librarian, Boston College Library

Title: New BC Library Services – Dataverse, Scopus, and ORCID

May 18, 2017

Dr. Shu Lai, ISR, Boston College

Title: Spacecraft charging mitigation using mirrors and LEDs