



Department of Physics  
Astronomy Club

*Department of Physics and Astronomy Club are pleased to invite you to a  
general lecture entitled*

**Black Holes**

Presented by  
*Dr Raid M Suleiman*

**Date: Monday, August 21, 2017, Time: 2:00 pm**

**Place: Science Room Sci240**

**ABSTRACT**

The lecture will talk about black holes from a scientific point view, after that the lecturer will talk about his works and contributions to science and the Arab Astronomical Society.

**Bio**

R. Suleiman works at the Harvard-Smithsonian Center for Astrophysics in the Atomic and Molecular Physics Division for the Atmospheric Measurements Group. He is affiliated also with the Solar, Stellar, and Planetary Sciences (SSP) Division.

In addition, he is responsible for SAO operational data products (BrO, OClO, and CHOCHO) from OMI, and NO<sub>2</sub> from GOME2. He is a member of the Orbiting Carbon Observatory 2 (OCO2) Science Team and a CO-I on the NASA's newly selected TEMPO. In addition to serving as a Co-I on TEMPO, he is responsible for BrO, H<sub>2</sub>O and Level3 data products. He is also the data manager and will be responsible for managing the Instrument Operations Center (IOC) and the Science Data Processing Center (SDPC).

While at the SSP Division, he worked for the Ultraviolet Coronagraph Spectrometer UVCS aboard SOHO (Solar and Heliospheric Observatory). He

Worked, in addition to distributing data among the UVCS team, on the Flat Field effects of UVCS, spectral line analysis and Ly line profile in coronal holes.