ONLINE INTERACTIVE SESSION WITH DR. PADMA Y. FISHER

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Student enthusiasts of Bal Bharati Public School had an opportunity to interact online with **Dr. Padma Y. Fisher** (Senior Research Scientist, Space Science Institute, California). On Monday, August 21, 2017, all of North America will be treated to an eclipse of the sun. Anyone within the path of totality can see one of nature's most awe inspiring sights - a total solar eclipse. To spread awareness among the students on Eclipses, an online interactive session was organized under the Universe In The School (UITS) program of SPACE on August 10, 2017 with Dr. on the theme "**The Total Solar Eclipse - 2017**" which is popularly also known as " **Great American Eclipse**". In this interaction she shared an interesting presentation on Total Solar Eclipse containing the information on different types of eclipses, reasons behind them, research work going on in this field. Students felt enthralled when she showed her camera to the students which she will be using to capture the eclipse. The informative session was concluded with students asking many questions with utmost awe and excitement to unravel the mysteries of our star. The interaction encouraged students to share ideas and opinions about how they want to see these new technologies developed.

The interest of the school towards cultivating a scientifically aware mind in the students has led the school towards active participation in Astronomy and Space science oriented projects and events. This session was organized to have a fruitful interaction of students with the global scientific community and to focus on the progress of the students and drive them to generate interest through practical experiences and disclosure to latest in the field of Astronomy and Space Science.

Note to the Editor:

Dr. Fisher studies the nature of light scattering in various media pertaining to the solar system. Her current research focuses on seasonal and temporal changes on Jupiter and Saturn and understanding the thermo physical properties of solar system ices, including observations and models. Her observational program involves acquisition of data from various facilities such as NASA / IRTF, NOAJ / Subaru and ESO / VLT.

Complementary to active research, Dr. Fisher also participates in various education/outreach efforts (informal education, mentoring of students, organizing outreach sessions at scientific

meetings and reviewer of NASA education products)Dr. Padma Fisher will be heading a Citizen Science Experiment that is one of the 11 ground based experiments being supported by NASA - ***Citizen Science Approach to Measuring the Polarization of the Solar Corona***