NIHERST
NATIONAL INSTITUTE OF HIGHER EDUCATION RESEARCH SCIENCE AND TECHNOLOGY
INCORPORATED BY ACT OF PARLIAMENT ACT NO. 20 OF 1984

The Ministry of Science, Technology and Tertiary Education
"Providing a World of Opportunity"

The International Space Station (ISS)
HELPING HUMANITY FROM ABOVE

A Public Lecture

The International Space Station (ISS) is the centerpiece of the United States National Aeronautics and Space Administration (NASA) Human Spaceflight Program. This unique scientific platform enables researchers from all over the world to put their talents to work with innovative experiments that could not be done anywhere else. The goal is to share the resulting knowledge to enhance the quality of life here on Earth, stengthen economies and benefit people around the world.

We may not know yet what will be the most important discovery gained from the space station, but we already have some amazing breakthroughs! In the areas of human health, telemedicine, education and observations of Earth from space, there are already demonstrated benefits to human life including research into new improved vaccines. Station-generated images that assist with disaster relief and farming and education programmes that inspire future scientists, engineers and space explorers.

NIHERST is proud to be hosting the visit of Trinidad-born Aerospace Engineer, **Camille Wardrop Alleyne**, who is based at the NASA-Johnson Space Center in Houston, Texas. She has spent the past 15 years dedicated to the advancement of aerospace and space technology and most recently, the promotion of quality science and technology education in the developing world. Currently Assistant Program Scientist for the ISS, Ms Alleyne works to communicate the ISS' scientific research and education programmes to stakeholders and the public. In this lecture, she will share information on the research being done on the ISS and what the most important benefits are to humankind.

Ms. Alleyne was previously the Deputy Manager for NASA Orion's Crew and Service Module Test and Verification program. The Orion vehicle, now the Multi-Purpose Crew Vehicle, is the next generation of human space vehicles that will have the capability to take astronauts beyond low earth orbit. Prior to this, she served as the Crew Module Systems Engineering, Integration and Test Technical Manager for Orion project.

Date: Thursday 11th August, 2011
Venue: Lecture Theatre 1, Faculty of Engineering
The University of the West Indies (UWI)
St. Augustine
Time: 6:30pm

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