Programme Outline
In this programme, we will cover some basic knowledge of satellite applications, satellite motions in space, different types of satellite orbits, mission simulations, functions of satellite systems and subsystems, and design qualifications and philosophies. You will work in groups to discuss mission planning and satellite design. You will have the opportunity to construct the mockup of your own satellite using 3D printing and other construction materials.

Besides the technical programme, we will also conduct a campus tour, visit to Satellite Technology and Research Centre (STAR) and Center for Remote Imaging, Sensing and Processing (CRISP). A Singapore city tour will also be arranged.

Who Should Attend?
This programme is suitable for any budding engineer or scientist who may be interested to discover space technologies. No pre-requisite knowledge is expected other than some high school science.

When will this Programme be Conducted?
Time: 2 weeks, from 9-20 July 2018
Venue: Engineering Design and Innovation Centre, Block E2A, 5 Engineering Drive 2, National University of Singapore, 117579

Accommodation: University Town, NUS
(standard non-air conditioned rooms)

Cost: NUS Students: SGD 50 without accommodation
(fee will be waived if student signs up as helper)
Other Singapore university students: SGD 400 without accommodation (SGD 350 for early bird before 1 June 2018)
Non-students: SGD 800 without accommodation (SGD 750 for early bird before 1 June 2018)
International students: SGD 1200 with accommodation, exclude travel costs, (SGD 1100 for early bird before 1 June 2018)

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