

# *Announcing 2 Summer Programs*

## *@ National University of Singapore*

### **Program 1 : Exploring New Space Technologies & Applications**

In this program, 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.

This program is suitable for anyone who is interested to discover space technologies. No pre-requisite knowledge is expected other than some high school science.

**Time :** 2 weeks from [8-19 July 2019](#)

**Cost :** SGD 1550 (includes accommodation and some meals)

### **Program 2 : Design Thinking for a Better Designed World**

Design is typically associated with aesthetics and the arts. However, the drive for innovation has made designers more aware of the need to create products that meet the needs of users. Design Thinking is an iterative process to systematically extract information, construct insights and develop solutions for ill-defined problems. It is one of the strategies to enable organizations to innovate. Participants will learn and apply Design Thinking through projects. You will observe and interview users, design in studio settings, test your designs with users, and experience innovating in a design team.

**Time :** 1 week from [22-26 July 2019](#)

**Cost :** SGD 1000 (includes accommodation and some meals)

Both programs will be conducted at NUS, including accommodation. Field trips and some visits will be organized.

**Application deadline:** [5 June 2019](#)

**Contact :** A/Prof Loh [eleloh@nus.edu.sg](mailto:eleloh@nus.edu.sg)

