



## ANNEX B – TECH SATURDAY FACTSHEET

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Date : 21 May 2016 (Saturday)

Venue : Suntec Convention & Exhibition Centre, Hall 403-404

Time : 11am – 7pm

Website: [www.techsaturday2016.sg](http://www.techsaturday2016.sg)

*Open to public. Free entrance. Registration is required for the workshops and tech competitions.*

*Tech Saturday* is an exciting tech experiential carnival open to everyone to learn, build and play. Inviting people from all walks of life to participate, from kids to the elderly, hobbyists, to schools and communities, *Tech Saturday* seeks to inspire audiences to adopt and build tech through its fun, learning environment. Interactive exhibits allow audiences to learn about new technologies and experience scenarios of our highly connected Smart Nation.

Its successful debut in 2015 saw over 10,000 visitors attend its one-day event.

*Tech Saturday* curates a selection of innovative technologies that impact our everyday lives and help us solve real-world problems. Appealing to both seasoned techies and the uninitiated alike, highlights include:

### **Smart Singapore Tech Showcase**

Singapore's ever-increasing connectivity gives us many opportunities to make use of smart tech applications and gadgets to make life easier for both work and play. This experiential showcase will give everyone a chance to try out new-to-market products in areas such as healthcare, robotics and augmented reality.

The showcase features a unique massage-function jacket that offers users a massage, acupressure and body compression experience that helps correct posture. The showcase also displays initiatives by NUS such as a sensor-driven robotic glove that aids the rehabilitation process of stroke patients, and a 3D printer for the food processing industry. Visitors can also experience a virtual reality environment through the simulated environment on-site and on an Open Source Virtual Reality. I Tech Showcase also provides residents with a range of government apps and solutions that are making a difference to our lives due to this connectivity. For example, visitors can improve their gov-related transactions using one-stop-solutions like STORE by SingPass for personal data profiling and HealthHub by HPB.

## Worksheds

Our worksheds will give people an opportunity to play with different kinds of tech and see how easy it is to take your first steps to become a tech maker! Ranging from robotics, to sensors, circuits and 3D printing, these hands-on workshop sessions will be available to people of ages, ranging from kids to adults and senior citizens.

The kids can take part in an immersive and educational journey in the Faraday Mission-to-Mars challenge, or learn how to program a robot that doodles. There are also classes to build their own tech toys such as a replica of the Ironman arc reactor, or take away some quick lessons on assembling their very own walking robot by learning the basics of programming. Seniors can be equally involved in the tech of today by trying their hand at using a 3D printing pen that helps them construct artwork based on their 2D drawings and learning about wearable technology through electrical circuits sewn with needle and thread.

## Tech Competitions

Bringing technology to life at the **Arena**, tech enthusiasts will show off what skilled tech hobbyists can accomplish and challenge each other in drone competitions, such as racing through obstacle courses, and engage in precision landing and other technical expertise of drone technologies. Entertaining the audiences, these competitions show visitors how experienced drone pilots build and fly high-performance machines. The inspired and the curious can also try flying drones themselves at our dedicated trial area.

Tech Saturday's **Kids' Hackathon** is a half-day event that will engage over 100 students to use their computational skills to compete using tools such as Scratch programming to program Moway robots, to solve problems in transportation.

Both the Arena and Kids' Hackathon demonstrate what intermediate skill levels of coding and tinkering can accomplish both for fun and in tackling real issues such as transportation.

## Tinker Space

Tinkering with gadgets and sensors is something everyone can easily learn to play with. This main carnival space gives visitors the chance to see tech demos from skilled tinkerers such as institutes of higher learning, showing how they were able to experiment with their ideas to create innovative prototypes and solutions. The space also serves as a marketplace where visitors can have an up-close look at gadgets such as drones, tinker kits, circuit stickers, learning robots and even kick-starter initiatives. Visitors can even buy their very own gadget kits.

## Big Bang Data

At Tech Saturday, the ArtScience Museum will also hold an exhibit in conjunction with the launch of their Big Bang Data exhibition. This teaser installation shows visitors how the rise of the internet and the subsequent explosion of data has impacted our world in powerful ways.

