MEDIA FACT SHEET

SG:DIGITAL WONDERLAND 2019

SG:Digital Wonderland, Singapore's largest tech carnival, is back – with more cool innovations, tech gadgets and fun new digital experiences. The carnival, which aims to help everyone to be digitally ready for the future, now spans three halls at the Suntec City Convention Centre, with various different exhibits, stalls, workshops and interactive displays covering technologies such as artificial intelligence (AI), mixed reality, and the internet of things (IoT) to exhilarate and amaze everyone, including families and youths alike.

SG:D Wonderland is held on 18-19 May 2019 and spans across three halls in Suntec Convention Centre

Highlights of Event

Discover how to enhance your personal digital defence and interact with the latest AI powered robots, **Experience** dodgeball like never before and challenge your friends and family to a game of Augmented Reality dodgeball or immerse yourself in a VR documentary or step into a zombie infested zone and shoot some VR zombies at the Digital Media Playground. Come and cheer the students **innovating** & taking part in the Tech for Good Coding Competitions as well as your favourite student project at the Youth Innovation Showcase and Awards.

1. **DISCOVER Zone**

   Gearing up for the digital future? Want to experience a mock cyber-attack and the damages it can potentially cause? Learn how to protect yourself in the digital age and discover how AI can transform almost everything from home living products to services. Visit the **Discover zone** to learn more and get a chance to win attractive prizes in our sure win lucky dip! Highlights include:

   a) **Lab on Wheels CSI experience –** Take part in the Cyber Security Investigation experience and role play as interns in Critical Infrastructure Companies (e.g. Train or Water Utility Company, etc.) and take part in a series of challenge-based activities to help you see the potential damage that can happen when a city is under cyber-attack. Plus, learn more about how to safeguard yourself on social media brought to you by the IMDA Lab on Wheels!

   b) **Artificial Intelligence** is changing the way we work live and play! AI is increasingly integrated into our everyday lives from robots to integrating with IOT technologies to powering up voice enabled assistants! Come and learn more about AI and experience how it is making a difference today!

      - Imagine being on a bus filled with the latest AI tech gadgets! Hop onto the **IMDA Lab on Wheels' AI Escape room** themed bus to learn all about AI concepts while solving a series of AI challenges.

      - **AI Smart Home Studio -** Experience the home of the future powered by AWS: make a cup of coffee, turn on calming lights to softly illuminate the space, and have your

favourite music playing soothingly as you wind down— simply by using your voice. That's the future of home automation.

- Enter into an **AI Robot world** to find out how AI technologies are used in the making of AI Humanoid robots. Be greeted by Cruzer the concierge robot, enjoy a synchronised dance performance by a team of robots, experience a mind blowing AR game with the latest Marvel hero bot plus you can even build, code and play with your own basic robotic creation!

2. **EXPERIENCE Zone**

   Look forward to a load of fun and excitement from discovering the latest tech gadgets and innovations that can help improve our lives; to interacting with a multitude of Immersive Media experiences, having fun with a game of Augmented Reality dodgeball to taking part in a Drone Arcade!

   a) **Augmented Reality Dodgeball.** Experience how the convergence of tech transforms sports and exercise. Just like the traditional dodgeball, a game of AR Dodgeball involves lots of dodging and strategy!

   b) **Digital Media Playground.** Play with the latest immersive technology such as Augmented Reality (AR) and Virtual Reality (VR) technology of tomorrow in this immersive and experiential playground! Here are some of the highlights:

- Zombie Busters
    - o Pair up and step into a zombie-infested zone and blast the zombies in this interactive **Zombie Busters** game from **HeadRock VR**

- VR Film Screening
    - o Sit back and relax at the **VR cinema** where you can immerse in 360 documentaries of your choice. The multi-user VR system empowers content creators and trainers in sharing virtual experiences with many participants at the same time.

- Meshminds
    - o MeshMinds works with artists to seed technology into their practice and creates experiences for the masses centred on the UN Sustainable Development Goals. Using Augmented Reality, artists André Wee and Warrior9 VR nurture better futures on land and below water.

   c) **Future Ready Living.** Discover the latest tech gadgets and innovations in health, smart living and lifestyle that are helping to improve our lives. Some highlights include:

- Get a cuppa from Crown Coffee

   Visitors get served a FREE hot cuppa of Italian coffee from a robotic barista. Enjoy a fully digitalised café experience from ordering to collection.

- Declutter your remotes with Smart Egg
   Too many remotes in your home? Integrate all of them into a **Smart Egg** and control all your electronic devices just from your phone!

- Be Smart on the road with Argon
   Argon Transform by Whyre transforms any bike helmet into a smart helmet with two

cameras and a augmented vision system for navigation. Try out **Argon** – the smart helmet for motorists from **Whyre.**

d) Drone Arcade - A myriad of drone flying activities were brought to the show this year including:

- Drone Try-athlon
  Take part in the **Drone Try-athlon** – Experience Drones like NEVER before! Put on a special motion glove to control your drone with hand gestures; Race a drone converted race car through a race track and sail a drone converted hovercraft and race it through water!

- Arcade Claw Game: Drone Edition!
  Like a traditional arcade claw machine, put your piloting skills to the test and stand a chance to win some cool prizes!

e) eSports Stadia

- Mobile Legends Bang Bang: The Southeast Asia Clash of Champions 2019
  Mobile Legends has taken the mobile game community by storm! Fans are in for a treat as they get to watch top teams from Southeast Asia compete for the title of Champions! Come and support the Singapore local champions who will be the team nominated to represent Singapore at the SEA Games in the Philippines. Mobile Legends Bang Bang: The Southeast Asia Clash of Champions 2019 is supported by Singapore Cyber Online Games Association, National Youth council and Esports Association.

  Top teams from Singapore, Indonesia, Malaysia, Myanmar, the Philippines battle it out to determine the Champion in Southeast Asia!

- Family Games Challenge
  Visitors get to pit their skills against friends and families in the wildly popular Mario Kart and Overcooked!

- Panel Session
  Those curious about all things eSports, could join in the panel sessions to understand more about developing a professional career in this area and the future of eSports.

3. INNOVATE Zone

Come on down to the Innovate Zone, to attend free workshops and have fun learning about coding and digital making. Be inspired by tech prototypes created by students and join the crowd to cheer our local and regional students innovating and participating in the Youth Innovation Awards, Code Quest and Tech for Good coding competitions!

a) **Youth Innovation Showcase and Awards 2019.** The **Youth Innovation Showcase** is a platform for local and regional youths from institutes of higher learning to come together to showcase their innovative and cutting edge tech prototypes. The **Youth Innovation Awards** will be given to the top student projects to recognise, celebrate and share the innovative work done by students.

b) **TECH FOR GOOD Coding Competitions.** Come witness our talented youths put their digital making and coding skills to the test. See how they #usetechforgood to compete and solve real world problems for good social causes. Watch our students battle it out at the competitions happening on both days!

Day 1, Saturday

i. **Code Quest,** a computer programming competition organised by Lockheed Martin where teams of 2-3 students (aged 14 to 18) each work together for 2.5 hours to solve problems by using JAVA, Python, VB.net, C, and/or C++ programming to complete the "quest."

For more information, please visit: https://codequest.lmaeronautics.com/ and http://www.lockheedmartin.com/codequest

ii. **Digital Making for Good Challenge** is a platform for students and the public to showcase their skills in digital making and coding for good social causes. For more information, please visit: https://www.3d-tronics.com/

Day 2, Sunday

i. The **Build On, Singapore 2019 Hackathon**, jointly organised by IMDA, GovTech, Singapore Poly and Amazon Web Services (AWS), challenges students to create a safe and smart home environment for seniors and persons with disabilities using AWS products and services.

c) **Tech for Good Exhibition.** Brought to you by students and the people from Engineering for Good and Tech Pals, remember to check out the Tech for Good exhibition happening on both days that will showcase tech prototypes that are developed specifically for the digitally at-risk groups (special needs kids, seniors with dementia).

d) **Workshops for all** Spark off your creative talent! Innovate, tinker, create and have fun learning about coding and digital media through fun and engaging workshops and activities. Explore the art of storytelling through digital illustration and animation, learn how to create a simple internet-of-things home automation device and code a mobile app! For all ages, at no cost!