

**INNOVATION & TRANSFORMATION**

# Future Enterprise: Digital and Agile Transformation



This programme will provide you with the concept and application of a transformative mind-set shift and the ability to lead and rally your organisation to become more digital and agile to the needs of your operation and customers. You will be equipped with a sound understanding of agile and digital strategies and techniques to unleash new digital initiatives for developing innovative business strategies. Case studies on application of Digital Strategies would include the use of new technologies, capitalising on digital trends best practices.

**DATE**

27 - 29 September 2017

**DURATION**

3 Days; 9.00am to 5.30pm daily

**VENUE**

National University of Singapore

**FEE**

S\$3,691.50 (includes GST)

**Registration will close 5 working  
days prior to programme  
commencement date**

**REGISTER NOW!**

**KEY BENEFITS**

At the end of the programme, you will be able to:

- ◆ Achieve enterprise digital agility
- ◆ Setup a digital capability within your organisations
- ◆ Strategize and lead digitization initiatives
- ◆ Setting up measures to drive digital success
- ◆ Planning development infrastructure to support agile development
- ◆ Gain latest technology and digital trends

**WHO SHOULD ATTEND**

This programme will benefit middle management personnel of organisations and enterprises who have the responsibility to lead and rally their organisation to become more digital and more agile to the needs of customers.

**ABOUT THE INSTRUCTOR**

**Dr Ng Pan-Wei** has been a consultant and coach since 2000 and has worked with people from all levels – from developers and testers to leaders, managers and executives. He was a software engineering and agile advisor to many large organisations such as Huawei Mobile, Huawei IT and Huawei R&D (China), Fujitsu (UK), Sony (Japan), Samsung (Korea), Singapore Airlines (Singapore) and Defense Science and Technology Agency (Singapore). Dr Ng helps teams to be better at strategy, planning, requirements, design, coding, testing and delivering. Dr Ng is a certified Scaled Agile Framework Consultant (SPC4) and has led large-scale adoption of SAFe and DevOps in organisations with 1000s of IT staff. He has authored 2 books in software engineering and is the inventor of minimal-design and state cards. He has published a number of technical papers on lean and agile development. Dr Ng advises organisations on the introduction of Beyond Budgeting mindset and practices. Dr Ng's Chinese translation of Bjarte Bogsnes's Implementing Beyond Budgeting will be available in H1 2017.



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**PROGRAMME OUTLINE**

**Day 1**

- ◆ Digital trends and challenges
- ◆ New business models
- ◆ Technologies shaping our world
- ◆ Opportunities from new technologies
- ◆ Agile and lean primer
- ◆ Agility from teams to enterprise for end-to-end delivery,
- ◆ Enabling architectures and technologies for continuous integration to deployment

**Day 2**

- ◆ Visualizing the digital context and landscape
- ◆ Empathizing with the customer
- ◆ Identifying digitisation opportunities, and charting the digital roadmap
- ◆ Positioning digital products/applications and managing the digital portfolio
- ◆ Scoping the Minimal Viable Product (MVP) features and stories
- ◆ Managing the digital portfolio
- ◆ Planning the digital delivery
- ◆ Organizing digital teams with cross-functional teams, and supporting

structures

- ◆ Iterating product development to acceptance and delivery
- ◆ Generating growth through data and analytics (what are the key measures you should be considering)

**Day 3**

- ◆ Bridging the gap between business and IT (architecture)
- ◆ Automating the product/application delivery
- ◆ Moving from legacy to more agile micro-services architectures and platforms
- ◆ Security and other constraints consideration
- ◆ Strategising and leading the digitalisation effort in your organisation
- ◆ Overcoming challenges in your organisation
- ◆ Organising for digital agile delivery
- ◆ Transforming the digital development and business processes
- ◆ Getting started in your organisation

Case studies and experiential learning activities are introduced to reinforce the learning.

