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## Media Release

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# First Recipient from Engineering Design Discipline Conferred Singapore's Top Design Accolade - President's Design Award 2016

**Singapore, 9 December 2016** – Three designers and 10 design projects were honoured with the President's Design Award (PDA) this year. Recognised for their design excellence and creative innovation, the recipients received their award from President Tony Tan Keng Yam at a ceremony held earlier this evening at the Istana.

For the first time since the PDA was launched in 2006, a recipient nominated under the engineering design discipline received the Designer of the Year award. Dr Hossein Rezai, Director at Web Structures Pte Ltd and a chartered engineer in Civil and Structural Engineering, was recognised for applying structural engineering design principles to provide sustainable, productive and optimised solutions in his projects.

"We are happy to celebrate the impressive strides made by our local design sector in our 11<sup>th</sup> edition. Over the years, we have noticed an increasing number of cross-disciplinary submissions, particularly projects that blend engineering and design. So we decided to introduce Engineering Design as a new design discipline to be considered for the Award. We are happy to have our first Designer of the Year from this discipline," said Mr Robert Tomlin, Chairman of the President's Design Award 2016 Steering Committee and DesignSingapore Council.

A record number of 140 nominations were received this year, demonstrating the strong support to make the PDA the national benchmark for design excellence. Among the Design of the Year, three are architectural projects. One is a creative re-imagination of an industrial building. Two are public housing projects that focus on multi-generational living and creation of communal spaces. Mr Ng Lang, Chief Executive Officer of the Urban Redevelopment Authority said, "I am inspired to see the architectural fraternity continue pushing for visually engaging, forward-looking and liveable spaces that delight and enable social interaction. Our architects play an important role in defining the character and quality of our built environment, and I applaud their dedication to creating attractive places for us to live, work and play. Congratulations to all winners!"

The other Designs of the Year include the world's first contact-activated medical lancet, the creative rejuvenation of a traditional bookbinding brand, an innovative ultrasound scanner

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designed to assess pregnancy risks early, and an inclusive village that integrates communities and transform lives without fences.

The President's Design Award is administered by the DesignSingapore Council of the Ministry of Communications and Information, and the Urban Redevelopment Authority. There were a total of 17 jurors from seven countries, including Singapore, assessing 140 eligible nominations before making the final cut.

The profile and project description of the 13 recipients and the jury's citations can be found in **Annex A**. More information about the jury members is available in **Annex B**.

An exhibition of the President's Design Award 2016 will be held at the National Design Centre from 10 December 2016 to 6 January 2017 and at the URA Centre from 9 to 27 January 2017. Admission is free. Details about the exhibition are available in **Annex C**.

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**DESIGNSINGAPORE COUNCIL,  
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**AND**

**URBAN REDEVELOPMENT AUTHORITY**

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## About the President's Design Award

The President's Design Award is Singapore's highest honour accorded to designers and designs from all design disciplines. It recognises the significant contributions and achievements of an extraordinary group of people who are making a difference to the lives of Singaporeans and to the lives of the larger global community. The recipients are the standard bearers for design excellence, models for future generations of designers to match and exceed. As these standards permeate into the consciousness of society, they bring about a greater general awareness and appreciation of quality design.

The **Designer of the Year** award category recognises designers or design teams for their creativity and achievements in any design discipline, demonstrated by a sustained body or portfolio of works.

The **Design of the Year** award category recognises the national significance and creative value to Singapore of projects or products in any design discipline.

A total of 39 *Designers of the Year* and 99 *Designs of the Year* have been conferred the award from 2006 - 2016.

More information about the President's Design Award is available at [www.designsingapore.org/pda](http://www.designsingapore.org/pda).

## About the DesignSingapore Council

The vision of the DesignSingapore Council is for design to differentiate Singapore from global competition. As the national agency for design, the Council's mission is to develop the design sector, and to help Singapore use design for innovation and growth, as well as to make life better. The DesignSingapore Council is part of the Ministry of Communications and Information.

The National Design Centre supports the DesignSingapore Council's efforts to enhance the vibrancy of the design ecosystem as well as catalyse industry collaborations and business opportunities for innovation and growth.

Singapore was designated a UNESCO Creative City of Design in December 2015. This designation will support the development of a creative culture and eco-system in Singapore that fully integrates design and creativity into everyday life. It also enables Singapore to collaborate internationally with the cities of the UNESCO Creative Cities Network (UCCN). The City of Design Office will be sited within the DesignSingapore Council to coordinate and implement programmes that contribute towards the UCCN mission.

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Further information about the DesignSingapore Council, the National Design Centre and Singapore's designation as a UNESCO Creative City of Design is available at [www.designsingapore.org](http://www.designsingapore.org)

## **About the Urban Redevelopment Authority (URA)**

The Urban Redevelopment Authority (URA) is Singapore's land use planning and conservation agency. Our mission is "to make Singapore a great city to live, work and play". We strive to create a vibrant and sustainable city of distinction by planning and facilitating Singapore's physical development in partnership with the community.

The URA has successfully transformed Singapore into one of the most liveable cities in Asia through judicious land use planning and good urban design. We adopt a long-term and comprehensive planning approach in formulating strategic plans such as the Concept Plan and the Master Plan, to guide the physical development of Singapore in a sustainable manner. Our plans and policies focus on achieving a balance between economic growth and a quality living environment. As the conservation authority, URA has an internationally recognised conservation programme, having successfully conserved not only single buildings, but entire districts.

To turn its plans and visions into reality, URA takes on a multifaceted role. In addition to our planning function, URA is also the main government land sales agent. Through the sale of State land, we attract and channel private capital investment to develop sites to support economic and social development. As the place manager for Marina Bay, we promote exciting activities within Marina Bay in collaboration with other government agencies and private stakeholders. To create an exciting cityscape, URA also actively promotes architecture and urban design excellence.

Drawing on our experience in integrated planning and urban management, URA shares our urban planning experience and provides consultancy for overseas bilateral projects.

Visit [www.ura.gov.sg](http://www.ura.gov.sg) for more information.

## **About A•UDE Promotion Programme**

URA's Architecture & Urban Design Excellence (A.UDE) programme aims to promote good design in our built environment. The programme seeks to raise public awareness of good architecture and urban design and encourage a more vibrant and design-conscious community. We do this through a variety of initiatives and outreach programmes for both the general public and the industry professionals, such as exhibitions, talks, seminars, workshops and design competitions. For more information, please visit our website at [www.aude.sg](http://www.aude.sg).

**Media Release | Annex A**  
**PRESIDENT'S DESIGN AWARD 2016 RECIPIENTS**

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**Designer of the Year**

- 1 **Dr Hossein Rezai**  
Director  
Web Structures Pte Ltd
  
- 2 **Rene Tan**  
Director  
RT+Q Architects Pte Ltd
  
- 3 **Raymond Woo**  
Principal Architect  
Raymond Woo & Associates Architects

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**Design of the Year**

- 1 **Bynd Artisan  
& Larry Pte Ltd**  
Larry Peh and Team
- 2 **Enabling Village  
WOHA Architects Pte Ltd**  
Wong Mun Summ & Richard Hassell and Team
- 3 **HP OfficeJet Pro 8720 All-in-One Printer  
HP Inc.**  
Edwin Chin and Team
- 4 **National Design Centre  
SCDA Architects Pte Ltd**  
Chan Soo Khian and Team
- 5 **SAFETiCET  
NSP Tech Pte Ltd**  
Joseph Lum and Team
- 6 **Samsung "AddWash"  
Samsung Electronics Pte Ltd**  
Ken Ding and Team
- 7 **SkyTerrace@Dawson  
SCDA Architects Pte Ltd**  
Chan Soo Khian and Team
- 8 **SkyVille@Dawson  
WOHA Architects Pte Ltd**  
Wong Mun Summ & Richard Hassell and Team
- 9 **Vscan Access  
Chemistry Form Pte Ltd & GE Healthcare**  
Bassam Jabry, Karin Aue & Abhay Nihalani and Team
- 10 **Wah Son @ Seletar Aerospace Park  
ipli Architects**  
Yip Yuen Hong and Team

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# PRESIDENT'S DESIGN AWARD SINGAPORE 2016

## **Designer of the Year**

### **1 Dr Hossein Rezai**

Director

Web Structures Pte Ltd

### **Jury Citation**

Dr Hossein Rezai uses structural engineering design principles that complement the conceptual essence of making things. His understanding of structural behaviour and systems allows him to manipulate structural form and expression to create seamless harmony with the design intent of the architect. As such, he has been described as a dream collaborator by architects. His knowledge of building materials and engineering design principles ensures the most sustainable, productive and optimised solutions that stretch the boundaries of conventional engineering design. He brings a creative solution to each project – improving how it can be built while not losing sight of the greater whole.

Whether it is the Tokio Marine Centre, a collaboration with Sonny Chan and CSYA, with its concept of external columns creating an exoskeleton structure to support the building vertically and laterally; or the Assyafaah Mosque, a collaboration with Tan Kok Hiang and Forum Architects, which employed an innovative reinforced concrete arched-frame to create a column-free prayer hall on the ground level and to support three storeys of classrooms and other ancillary spaces; Dr Rezai has demonstrated his ceaseless ability to collaborate, innovate and deliver outstanding results. Attention to detail and deep technical knowledge of materials are recurring traits in all his projects.

Dr Rezai's humble approach informs and influences the holistic vision of his practice. His aspiration for engineering to achieve a higher purpose in the mundane, the everyday and the ordinary, is a distinct feature in his built projects both local and international.

### **About the Designer**

Dr Rezai founded Web Structures in August 1996 in pursuit of his passion for applied engineering design. He has since been involved in the design and realisation of some of the most impressive structures including skyscrapers and bespoke resorts in over 26 countries. Some of the notable projects include the Ardmore Residence (2012) and Mediacorp Headquarters (2016) in Singapore, Jalan Ampang (1997) and The Troika (2010) in Kuala Lumpur, Cambridge Forest in Shanghai (2010), the Atmosphere Condominium in Kolkata (2016), and Four Seasons Resort in Seychelles (2009).

Dr Rezai is very passionate about the design process and adopts a holistic approach to architecture and structure. He is proud to be one of the initiators of the concept of “fusion engineering”, helping to reconcile the seemingly contradictory agendas of “good design” and “cost efficiency”.

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Dr Rezai was awarded a Ph.D. in Structural Engineering in 1985 for his work on reinforced and pre-stressed concrete structures. He continued to pursue his research interest on a post-doctorate research programme before joining the engineering industry in January 1987.

He has been a visiting lecturer at the University of Westminster, London, where he supervised a Ph.D. project at the School of Architecture and Engineering. He currently assists on a part-time basis at the National University of Singapore's (NUS) School of Architecture, and is presently engaged in collaborative research and development projects with both NUS and the Politecnico Di Milano in Italy.

His research work has also published many technical papers in various national and international publications including the Structural Engineer (UK), the US Concrete Institute Journal and the Journal of the Singapore Institute of Architects. Dr Rezai is an Associate Member of the Singapore Institute of Arbitrators, and has offered expert witness advice to various insurance companies, loss adjusters, and law firms in the UK, Europe and Southeast Asia. Besides being a regular speaker at conferences and seminars, he has also served as an official Nominator for the Aga Khan Award for Architecture (AKAA) since 2013, and is a member of the Master Jury in the current cycle of AKAA, the first Singaporean professional invited to do so.

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## **Designer of the Year**

- 2 **Rene Tan**  
Director  
RT+Q Architects Pte Ltd

### **Jury Citation**

Rene Tan's talent as a designer is evident in his extensive portfolio of architectural works. Through the years, he has adapted a modern and elegant design language to suit the local tropical climate.

Rene is constantly challenging himself, driven to experiment with materials and details in order to find an optimum solution for each project he takes on. The House at Watten Drive is a commendable rethinking of terrace housing and demonstrates how the constraints of a long and narrow site can be turned into opportunities. In The House in 3 Movements, the spaces are well-conceived and display a fluid quality between floors that is also experienced in the spaces between the house and its neighbours.

Rene's repertoire exhibits skill, control and an attention to detail, enabling him to consistently produce buildings of very high quality that are masterful responses to site conditions and the needs of his clients. While being an accomplished practitioner, he is also a nurturing mentor and a keen supporter of design education initiatives.

The Jury recognises Rene's unwavering passion in the creation of delightful spaces and commends him as an inspiration to the architectural fraternity.

### **About the Designer**

Architect Rene Tan constantly pushes the envelope of experimentation with form and space in architecture. Formally trained in music, his influence from music is evident in his works, and is made apparent through his poetic style of rhythmic structures and choreographed spaces. Rene's attention to details, astute sense of proportion and composition combine to create elegant spaces.

In 2003, he co-founded RT+Q Architects with partner TK Quek. A firm rooted in a counter-intuitive approach to architecture and design, RT+Q Architects has won numerous awards, including the Singapore Institute of Architects (SIA) Design Awards 2013, the Architectural Heritage Awards 2011, the Pertubuhan Akitek Malaysia (PAM) Awards 2011, and most recently a gold medal from the 2014 Architecture Asia Awards (ArcAsia) for the 'Bali House'. They were also shortlisted for the World Architecture Festival (WAF) in 2012.

RT+Q's current projects include an apartment project in the UNESCO World Heritage site of Penang and two residential high-rise developments in Jakarta. They have recently

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completed The Capers, a mixed residential towers in 2014, with another similar project in Kuala Lumpur, The Fennel, to be completed soon.

Besides his practice, Rene is also active in academia, having taught at UC Berkeley, Syracuse, National University of Singapore and the University of Hong Kong. He has also been invited to speak at DATUM KL 2008, The Jakarta Triennale 2009, and the Making Liveable Cities Symposium Berlin 2011. In 2013 and 2014, he was both speaker and juror at the World Architecture Festival.

Rene's sensitivity to the needs of his clients, rigorous approach to architecture and commitment to educating the next generation of architects continues to inspire and make a positive difference in Singapore's architecture industry.

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## **Designer of the Year**

### **3 Raymond Woo**

Principal Architect

Raymond Woo & Associates Architects

### **Jury Citation**

Raymond Woo is one of the most established and well-respected figures in Singapore's architectural industry.

Over the course of a career spanning more than four decades, his projects have contributed to the shaping of Singapore's cityscape. For example, the Singapore Science Centre was ground-breaking and remains an icon till this day. Ngee Ann City with its Civic Plaza is a landmark along Orchard Road, with a unique node for social gatherings.

Raymond is an inspiration with his tenacity and flexibility in facing challenges over time. He shows no signs of slowing down, as demonstrated in his new attempt at the conservation of Yueh Hai Ching Temple, while taking on the challenge of working with glass and new structural steel cable systems in his latest project, 268 Orchard Road.

Raymond has served on several design panels and mentored numerous young designers. The Jury recognises Raymond's indefatigable commitment to the practice of his craft and his invaluable contribution to the architectural landscape of Singapore.

### **About the Designer**

Raymond Woo is a consummate practitioner among Singapore's early post-independence generation of architects. He is responsible for some of the most iconic, much loved and successful public and commercial buildings in Singapore.

The spectrum of his works, in type and scale, is testimony to his skill in the practice of his craft. Raymond's fine sense of geometry is evident in the Singapore Science Centre (1975), which built on the formal language developed in his role as team leader while working on Jurong Town Hall. His buildings exhibit a distinctive sense of controlled monumentality with a presence that enhances the public realm. This is demonstrated in the office block at 20 Cecil Street (1992) which incorporates a purpose-designed, naturally-ventilated ground level lobby that is completely open to pedestrian traffic; as well as Ngee Ann City (1993) which is set back from busy Orchard Road to create a wonderful open public plaza for social interaction.

Raymond's attention to details permeates through the repertoire of all his works, including the historical conservation of Yueh Hai Ching Temple (2014). Not one to shy away from new challenges, Raymond has experimented with materials and structure throughout his career

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to express his brand of architecture, as shown in the extensive use of facing bricks in the Loyang Valley Condominium (1986) and the design of the B747 Hangar at Changi Airport (1981) which was the largest single-span hangar in the world at that time. This is best exemplified in his most recent work at 268 Orchard Road (2014). Designed in collaboration with Hugh Dutton Associates, the development features a series of stacked glass boxes that express rather than attempt to conceal the intricate structural cable system.

Whether as a lecturer at the National University of Singapore's School of Architecture or in an advisory role as a member of numerous design panels, Raymond's contribution to Singapore's architecture scene as well as his continuing evolution in design philosophy remain a great inspiration for many younger architects.

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## **Design of the Year**

- 1 Bynd Artisan  
& Larry Pte Ltd**  
Larry Peh and Team

### **Jury Citation**

This is an exemplary story of how design empowers a brand, and how it can take a business to new heights.

The creative agency &Larry strategised the design blueprint for Bynd Artisan, which is inextricably tied to the lives of their master craftsmen and the legacy of the Goy Liang Book-Making Company, founded in 1945. &Larry identified this at the outset, and put the artisans at the forefront of the brand story, presenting their craftsmanship to customers and the public.

“Something’s Worth Sharing” became the guiding ethos for Bynd Artisan. &Larry’s design and branding cascaded from that ethos. It is expressed in the touch points for marketing collaterals, packaging, retail store design and product development.

The new brand identity gave Bynd Artisan fresh energy and opened opportunities for the company, greater than the clients had dared to imagine, namely the re-skilling of elderly and loyal employees, corporate social responsibility and a new business partnership.

&Larry’s innovative design strategy helped to enrich Bynd Artisan’s brand value, chart a clear direction for growth and development, and establish a new vision for the company. This is a consummate collaboration between a talented Singaporean design agency and enlightened, fully-committed business owners.

### **About the Design**

With a legacy of over 70 years, Bynd Artisan was established by Singapore’s oldest bookbinder to celebrate the work of master craftsmen. The design pays tribute to the enduring excellence of a small band of home-grown artisans schooled in traditional ways of bookbinding and leather crafting.

As the principal brand and design consultant, &Larry defined the business and design objectives for Bynd Artisan. These objectives were: establishing a unique platform by building a meaningful narrative from Bynd Artisan’s rich history and developing a visual language that reflects the brand’s heritage; putting the spotlight on a home-grown brand and made-in-Singapore products; creating an avenue for inspirational and collaborative processes between Bynd Artisan, customers and collaborators; and preserving and celebrating a traditional craft.

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&Larry also created Bynd Artisan's brand ethos "Something's Worth Sharing". This ethos marries the "hardware" (their expertise of traditional bookbinding techniques) with the "heart" of their story (their heritage built on honesty and authenticity). This notion of "sharing" on a physical level serves as a foil to the modern context of social media sharing and the exchange of user-generated content.

As a philosophy that directly correlates to the brand's objectives, this guiding principle was embedded purposefully across the brand's touch points – the spatial planning concept behind the Gallery, the Retail space and the Atelier; branding collaterals such as handmade A1-sized posters, hand bound brochures and typographical postcards; and the Designer Capsule, a shared platform enabling collaboration between the brand and Singaporean artists and designers that effects new spins on classic wares.

## **About the Designer**

Larry started his design career in 1997 at Men's Folio, Singapore's first men's magazine. He honed his skills at Asylum and co-founded Neighbor Studio in 2001 before going independent with &Larry in 2005. He is also a Founder and Creative Director of menswear label Faculty.

In 2009, together with six other top creatives in Singapore, Larry co-founded The Design Society, a local non-profit design organisation. In 2012, Larry was voted by Perspective Global as one of the top 40 design talents under the age of 40 in Asia, and also featured in +81 Japan as one of the next generation of creatives in Asia.

Larry's work has been internationally recognised with awards from D&AD (UK), One Show (New York), Tokyo Type Director's Club, Singapore Creative Circle Awards, Singapore SPH iink Awards, and has been featured by renowned publishers including Wallpaper\*, Taschen and Gestalten.

In 2014, Larry was conferred the President's Design Award Designer of the Year. This award is Singapore's most prestigious design accolade, representing the pinnacle of recognition in the industry.

**Design of the Year**

**2 Enabling Village**

**WOHA Architects Pte Ltd**

Wong Mun Summ & Richard Hassell and Team

**Jury Citation**

“Enabling Village enables designers to build a better world through design, by not designing.”

This project is an integration of multiple disciplines - architecture, urban, lighting, landscape, way-finding and spatial design.

It is the first of its kind and represents a natural evolution of place-making, where the re-design of the space is driven by the needs of the users. There is no deliberate attempt to impose the designers' signatures. It is a sensitively conceived social space that transforms lives and breaks down fences to integrate communities and transform lives. Enabling Village energises Redhill and Lengkok Bahru. It has become a well-loved community space that welcomes people of diverse abilities as well as residents of the neighbourhood.

**About the Design**

Located in the mature Redhill neighbourhood, the project is a successful demonstration of heartland rejuvenation and community building. An adaptive reuse of the previous Bukit Merah Vocational Institute built in the 1970s, the property was taken over by the Ministry of Social and Family Development, repurposed and opened in December 2015 as Enabling Village. It is now the home of SG Enable, an agency dedicated to enable people with disabilities, with like-minded partners and stakeholders. Enabling Village is an inclusive space combining education, work, training, retail and lifestyle that connects people with disabilities with the society.

Before the redevelopment, the property was cut off from the surroundings with perimeter fences, slopes, driveways and car parks. It was inward-looking, sterile and inaccessible and did not contribute to the neighbourhood. The Enabling Masterplan<sup>1</sup> re-imagined Enabling Village as the new heart of the Redhill neighbourhood by opening up a 30,000 sqm community park to bring together people with disabilities, their caregivers, residents and members of the public. The existing buildings become nodes in a park with a variety of new shared spaces and amenities stitched together within a garden setting.

Enabling Village is reconnected to the surroundings with extended sheltered linkways and garden paths, with the perimeter fence replaced by landscaping. The huge area of driveway and car park that previously fronted the property is replaced by bio-ponds and landscaping.

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<sup>1</sup> The Enabling Masterplan is a five-year national roadmap to build a more inclusive society, in which persons with disabilities can be integral and contributing members, empowered to reach their potential.

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By reclaiming, opening up and connecting the grounds, Enabling Village becomes both part of the daily commute network for residents of the neighbourhood, as well as a destination for users and the public. The buildings are identified with new names – Nest, Playground, Village Green, Hive, Hub and Academy – based on their characters and programmes. They are seamlessly connected by a network of linkways, ramps, landings and lifts that joins up the different levels and profiles across the site and within each building.

The design was developed from the start with workshops involving SG Enable on multiple fronts – including interior design, signage, lighting, art and landscaping – to deliver a holistic and integrated environment. The design of Enabling Village creates a biophilic environment, promoting participation of people with a wide range of abilities in activities, learning, conversation, bonding and healing.

Enabling Village is a social equaliser and a melting pot, assimilating and integrating people with disabilities as equals in the community, creating an inclusive society that enables and values everyone.

## About the Designer

The architecture of WOHA, founded by Wong Mun Summ and Richard Hassell in 1994, is notable for its constant evolution and innovation. A profound awareness of local context and tradition is intertwined with an ongoing exploration of contemporary architectural form-making and ideas, thus creating a unique fusion of practicality and invention. WOHA conceptualizes all aspects of the architectural process, and environmental principles that have always been fundamental to the work of the practice, which is guided by a commitment to responsive place-making and to the creation of an invigorating and sustainable architecture.

WOHA has developed a unique approach to tropical architecture and urbanism, weaving landscape and community space through porous structures. WOHA has launched a new book at the 2016 Venice Biennale, called *Mega City Garden City*, which shares strategies for the exploding mega cities of the tropical belt. In the book, WOHA showed how integrated landscape, architecture and urbanism can improve quality of life within high density environments. It proposed 5 new ratios for evaluating the success of projects - Green Plot Ratio, Community Plot Ratio, Ecosystem Contribution Score, Civic Generosity Index, and Self Sufficiency Index - to ensure projects achieve social and environmental sustainability.

WOHA's built projects – throughout Southeast Asia, China, and Australia – range from apartment towers to luxury resorts, mass-transit stations, condominiums, hotels, educational institutions, and public buildings. WOHA has won an unprecedented amount of architectural awards for a Southeast Asian practice: from an Aga Khan Award in 2007, to the RIBA Lubetkin award, to their World Architecture Festival awards in such diverse categories as education - School of the Arts, holiday – the Alila Villas Uluwatu resort, and transport - the



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Bras Basah MRT station. Their Platinum Green Mark-rated PARKROYAL on Pickering hotel, since opening in 2013, has become one of Singapore's most iconic buildings.

The practice currently has projects under construction in Singapore, India, Australia and Indonesia. WOHA exhibited an invited, solo show at The Skyscraper Museum in New York in March-September 2016. A travelling exhibition devoted exclusively to their works opened at the Deutsches Architekturmuseum, Germany in December 2011, and four substantial monographs have already been published.

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## Design of the Year

- 3 **HP OfficeJet Pro 8720 All-in-One Printer**  
**HP Inc.**  
Edwin Chin and Team

### **Jury Citation**

Drawing from insights gained from in-depth customer research, the design team at HP was able to perfect the ubiquitous office inkjet printer in the context of an extremely saturated market with similar product features.

By re-engineering the paper path, the design team was able to speed up the process of duplex printing extensively. The reconfigured paper path also enabled the output sheets to emerge face down, thus ensuring office confidentiality. Furthermore, it is possible to control the printing via a mobile device. There are no clunky extendible parts to receive the prints, and all troubleshooting is consolidated within the paper and cartridge feed area, making the printer very accessible and user-friendly.

The aerodynamic body of the printer is made of a plastic that has not been spray painted, thereby enabling recycling.

Although not a complete reinvention of an office printer, it is extremely well considered and every effort has been made to ensure that this is as perfect as an office printer can be.

### **About the Design**

The HP OfficeJet Pro 8720 All-in-One Printer is designed to deliver a power packed performance for businesses in which productivity and efficiency are paramount for growth. The printer offers dynamic beauty, uncompromising usability and an inkjet platform that provides affordable, professional colour printing and scanning in a compact package.

The printer was designed by identifying in-depth customer needs throughout the product lifecycle. User insights were gathered through field visits, ethnographic studies, and survey data to understand the context of usage and also specific usage needs. This knowledge enabled HP to design the product focusing on customer goals in various business context.

To address the primary need of productivity in a fast-paced work environment, the design focuses on task velocity above print speed, aiming to provide a hassle free product experience in completing print tasks efficiently.

Multiple design disciplines (interaction design, industrial design, user experience design and visual design) worked in collaboration to define clearly the specifications and requirements of a minimum viable product.

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Some key design features include the revolutionary HP Print Forward Design for advanced paper handling with superfast speeds; a legal-size-ready topside output tray which eliminates protruding paper tray extensions and keeps printed papers from sliding out onto the floor; and face-down prints for enhanced security. For added user-friendliness, a 4.3-inch touchscreen allows for the customisation of shortcuts. Files can be printed wirelessly from smart devices at work or on the go, with versatile, mobile-printing apps.

Even the colour, materials and finishing were derived from office trend studies that provided several valuable insights. The main body is white, which allows the printer to blend into most office environments and also helps camouflage white paper dust. Key focal and touch points on the printer are called out with contrasting colours of white and grey. The control panel has a high-gloss surface which draws user attention, and a dotted pattern minimises oily finger prints.

With its excellent printing performance, speedy two-sided printing and scanning capabilities, energy efficiency and sleek design, this locally-designed printer meets tomorrow's office-productivity demands – today.

## **About the Designer**

Edwin Chin is an industrial designer with HP Inc, Global Experience Design (Singapore Studio). He graduated from Temasek Polytechnic with a diploma in product and industrial design in 2000. He went on to pursue his bachelor of design (industrial design) at Royal Melbourne Institute of Technology (RMIT). Since then, he has worked for Nakamichi, Motorola and HP, Inc. Global Experience Design (Singapore Studio).

His work has garnered many honours including the Red Dot Design Award, IF award, CES Innovation Award, Chicago Good Design Award, and Merit Award from Singapore Furniture Industry Council and Singapore Wearable Art. Edwin believes in utilising customers' insight to create relevant designs for the customers. He studies and appreciates trends and changing customer tastes and incorporates these into his design. Design should enrich people's lifestyle, and should contain an element of desire. He is inspired by nature, travel, architecture, and visual graphic arts.

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## Design of the Year

- 4 **National Design Centre**  
**SCDA Architects Pte Ltd**  
Chan Soo Khian and Team

### **Jury Citation**

The National Design Centre is the study of transformation and adaptive reuse. The design is noteworthy as a restrained intervention that elevates light as the defining element of the spaces. The new volumes with light expanded metal veils, inserted into the existing courtyard, sensitively changed the horizontal reading of the historical building to one with a vertical focus. The result is a filtered transition of the Singapore sunlight through the cleverly “paper-folded” skylight structure into a subtle and controlled wash of light over the historical relief forms.

By resolving the technical problems along the balconies, it maintains the spatial relationship between the corridor and the courtyard. This quiet interaction allows for the preservation of the atrium as the central open space, and the heart of the Centre. The design provides a balance of historical prominence and the subtlety of its insertions.

### **About the Design**

The National Design Centre (NDC) provides a much needed focal point for the design community whilst bringing life to a former Convent school premises. The approach respects the existing conserved building while inserting bold new elements that both enhance and rejuvenate the spaces within, successfully combining conservation and modernity.

Situated within the Bras Basah-Bugis precinct, the project site is a former convent comprising four existing buildings from different eras, which were to be transformed into Singapore's new centre for design. This was to be a place that would promote design and inspire design thinking. It has to be fully functional and contemporary, whilst conserving the original building, enhancing its spaces and highlighting its most striking features.

The main challenges of the project were reprogramming the existing spaces while complying with the latest codes and regulations, bringing the building's severely dilapidated parts up to current building standards, and incorporating new elements within an existing framework.

In order to create a flexible building capable of housing the centre's various activities, SCDA had to allow for continually evolving spaces, flexible studios, meeting rooms and exhibition areas. The central courtyard was transformed into a glass-covered atrium that could host an array of events and showcases. A composition of four translucent boxes was installed within the atrium to provide additional display areas. Covered in a veil of aluminium mesh, these

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interconnected volumes create a striking contrast with the original buildings, allowing visitors to distinguish between the old and the new easily.

Amongst the most notable design features is the former chapel, thoughtfully transformed into a modern lecture theatre with retractable seating and a remarkable sculptural ceiling, whilst preserving original religious moldings and a stone altar. This results in a contemporary space that acknowledges its original function. Another outstanding feature is the angled, COR-TEN steel-clad main entrance, which creates a dramatic effect with a simple gesture.

The creation of the NDC has allowed the DesignSingapore Council to promote public awareness of the design industry in Singapore, whilst providing workspaces for design companies. Today, the multi-functional centre attracts visitors through a series of design-related events, as well as various communal spaces for interaction and meeting, complete with a design shop and an F&B outlet. The centre provides a place for interaction between design firms and their potential clients and business partners, as well as educational opportunities for those interested or already working within the design industry.

## **About the Designer**

SCDA is a multi-disciplinary architectural encompassing architecture, interior and landscape design, established in 1995.

Principal, Soo K. Chan was the recipient of the inaugural President's Design Award, Singapore Designer of the Year. He was also the recipient of the SIA-Getz Architecture Prize for Emergent Architecture in Asia, 2006.

SCDA was awarded the Royal Institute of British Architects International Award for the Lincoln Modern in 2003 and One KL in 2012. The firm was also the recipient of nine Chicago Athenaeum International Architecture Award.

SCDA's portfolio ranges from master planning, resorts and hotels, high-rise luxury residences, commercial and institutional buildings, and private homes spanning Asia/Oceania, Africa, Europe and America. SCDA has more than 120 employees and offices in Singapore, Shanghai and New York.

SCDA's design strive for tranquillity and calmness qualified by space, light and structural order. Architectural expressions are distilled to capture the spiritual essence of 'place'. Its architecture and interiors are inspired by the cultural and climatic nuances of its context, integrating landscape, water features and blurring the distinction between interior and exterior.

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## **Design of the Year**

- 5     **SAFETiCET**  
       **NSP Tech Pte Ltd**  
       Joseph Lum and Team

### **Jury Citation**

Driven by an empathy for medical patients who have to go through the painful experience of pricking their fingers to draw blood for sampling several times a day, SAFETiCet features an innovative rotational trigger mechanism that reduces vibrational force, thus drastically reducing trauma and pain.

The patented mechanism allows compactness of design while maintaining good handling and ergonomics. The logical form and detailing of the lancet informs the user very clearly how the product should be used. Pragmatism and honesty are the main characteristics of the design as there is no unnecessary adornment. The lancets come in a brightly colour coded range to indicate different strengths of the needle. All these considerations combine to reduce the ordeal of daily blood sampling.

This is an example of a user-centric observation being successfully addressed by a clever application of a simple mechanical engineering principle.

### **About the Design**

SAFETiCET is a safety lancet that is intuitive and painless, easy to use and contact-activated. It is gently triggered by pushing it against the side of a finger. Self-deactivated after one use, it prevents injuries and cross-contamination, enhances hygiene and safety, and controls the spread of diseases by prohibiting re-use and ensuring safe disposal.

Conventional lancets used to prick fingers for blood diagnoses are larger, more dangerous to carry around and dispose of, uncomfortable, risky and may cause inadvertent cross-contaminations. To minimise the negative characteristics of lancets and popularise their use in self-diagnoses, especially amongst diabetic patients, an innovative lancet design was needed.

NSP Tech thus set about to conceptualise one which is portable, easy to use, safe, painless and attractive for vulnerable people with weakened muscle strength, reduced motor skills or have been distressed by disease. Through the improved product design features and packaging design, people from all ages and backgrounds will be more willing and encouraged to do a self-diagnoses.

Some of the key design features include miniaturisation, which has resulted in a small lancet that is easy to carry around, making blood testing more convenient for patients. The lancet

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also has an ergonomic profile and an intuitive twist cap and contact-activation mechanism that is easy for users to pick up. This patented activation mechanism also results in a low trigger force and reduced vibration, which makes the finger pricking significantly less painful. In addition, the small aiming area of the lancet allows better precision and selection of area to be pricked, which is beneficial to users who need to test frequently and do not want to prick the same wound.

Safety and hygiene are ensured as the needle is encapsulated in plastic, which keeps it sterilised before use. After use, the needle self-retracts into the protective housing, preventing injuries and facilitating ease of disposal. This also prevents re-use and stops the spread of diseases.

With an attractive housing design, patients feel less intimidated by the prospect of pricking their fingers, hence encouraging regular self-monitoring.

By reducing the pain and challenges of using lancets, and thereby promoting regular self-testing, improving hygiene and disease control, SAFETiCET ultimately aims to save lives, one finger-prick at a time.

## **About the Designer**

Joseph Lum developed his interest and skill set in design and problem solving when helping out at his father's locksmith stall in his teenage days.

By sheer serendipity, whilst operating his father's locksmith business, Joseph built up a sorting and assembly service in support of a Japanese-owned factory by engaging a group of housewives in his neighbourhood. This was the start of NSP Tech, a plastic injection mould business which has now evolved into an ISO-certified contract manufacturer specialising in design and mould making, injection moulding and various secondary processes. Today, NSP is a leading manufacturer of innovative, safe and reliable disposable medical devices using state-of-the-art technology.

In 2007, Joseph started a research and development process to address the problems reported by users of conventional lancets. This resulted in SAFETiCET, which was successfully launched in 2012. Since then, it has been very well received in USA, Europe and Asia.

In August, Joseph received the 2016 World IP Organization IP Enterprise Trophy and the 2016 IP Office Singapore Technology Patent Award. SAFETiCET has also received the Most Popular Product Award in 2015 and 2016 from Unity Pharmacy.

Joseph strongly believes that to be sustainable, NSP has to keep innovating and cannot be a 'me too' company. Neither can NSP be complacent in just providing services without

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commitment to continuous improvement in meeting users' needs. To this end, Joseph and the team at NSP Tech have not stopped working on enhancing the design and quality of SAFETiCET.

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## Design of the Year

- 6 **Samsung AddWash**  
**Samsung Electronics Pte Ltd**  
Ken Ding and Team

### **Jury Citation**

AddWash is an innovative feature on a range of Samsung front load washing machines. It enables users to add articles mid-cycle via a secondary door within the main one, an advantage that until now was limited to top load washers.

Based on a seemingly simple insight gleaned from their customer research, the design team from Samsung Consumer Insight Group successfully exploited a common customer pain-point that has long been overlooked. The result is a product feature that has effectively engendered a new category in washing machines. This has the potential to sway buyers towards front load washers that have the added advantage of using less water while providing a superior wash quality. From a commercial perspective, the outcome of this design innovation will result in better margins for Samsung, proving the tried and tested adage that good design is good business.

This is an exemplary case where insights generated from the observation of Southeast Asian habits are used to create innovations that have global application and commercial relevance.

### **About the Design**

The AddWash feature is the world's first distinctive access door on front load washing machine that allows users to add any item during a wash cycle without opening the main door.

This innovation is a result of deep consumer insights (from both Southeast Asia and globally), ease-of-use ergonomics and design for assembly and manufacturability.

When it comes to laundry in Southeast Asia, there is a strong trend of interacting with the wash cycle, which could come in the form of adding detergent or inserting forgotten laundry into the load. Hand-washing and top loader washing machines are great at facilitating this interaction which builds trust in the washing process, allowing people to add their own special touch to their laundry. For example in Thailand, housewives like to add fabric conditioner at a specific time in the wash cycle to maximise the fragrance. In addition, some also like to add extra detergent or other cleaning agents during the wash cycle.

However, this interaction is not possible when it comes to front load washing machines as the door is locked once the cycle starts. The user cannot intervene with the process. On a global scale, users experience frustration with front loaders – once the cycle has started, it

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is impossible to add laundry to the machine if the user had forgotten to put them in. This frustration is a significant barrier to purchasing a front loader.

By having a second door which can be opened during the washing process, user can intervene in the process at any time to add fabric conditioner or extra cleaning agents, as well as forgotten items of laundry. The design includes a child feature, which prevents the drum from rotating whenever the door needs to be opened.

The AddWash feature addresses both the regional Southeast Asian desires of interacting with the process, and also the frustration experienced by users globally with front loaders. The concept also provides environmental benefits as it encourages the use of front loaders, which inherently consume less water and are more energy efficient. Despite being a Southeast Asian-driven insight, the AddWash is also highly relevant in other markets and was launched globally in 2016.

## **About the Designer**

Samsung Electronics is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, the company is transforming the worlds of consumer electronics, spanning from televisions, smartphones and digital appliances, and more. New discoveries, inventions and breakthrough products have allowed Samsung to be leaders in these fields, constantly pushing the industry forward.

Samsung aspires to create new technologies that inspire the world. To fuel this innovation, the company operates more than 30 R&D and innovation centres around the globe.

And as part of Samsung's overall innovation vision, the Product Innovation Team (PIT) was officially established on September 2006, and the first PIT office was opened in Silicon Valley, California USA in 2007. Since then, it has expanded globally, and we have PIT offices in UK, China, India and Singapore. In 2012, PIT Singapore was formed to provide development of product innovations based on South East Asia (and Oceania) consumer needs & lifestyle.

The Product Innovation Team is an insight driven, front-end incubator. PIT's purpose is to focus on developing viable product solution concepts and experience using deep consumer insights, technologies and innovation for commercialization. To bring about the study of local cultures and trends to incorporate regional design concepts into products that will enhance the lives of people in the regions in which we live. And, they do this in partnership with our product planning groups for each business unit; shifting Samsung's product development process from technology & engineering driven to consumer-driven.

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## **Design of the Year**

- 7 **SkyTerrace@Dawson**  
**SCDA Architects Pte Ltd**  
Chan Soo Khian and Team

### **Jury Citation**

SkyTerrace@Dawson is a fresh and innovative project that provides a solution for public housing in Singapore with a specific focus on the concept of multi-generational living. It surprises with a sophisticated image that is usually associated with private housing.

The variety of loft and studio units are put together in such a way that is functional and also contributes to the formal language of the design. The ground plane is skilfully integrated with the adjacent park and through the strategic use of sky terraces and roof gardens, there is a conscious effort to make green spaces accessible even to tenants living at the highest levels.

The architects have designed a prefabricated concrete structure which is very elegant and fluid. They managed to overcome many of the limitations of this technology with a building that has been very well detailed and executed.

The Jury commends it for being an exemplar for future public housing by fulfilling the high density requirement in an increasingly land scarce Singapore, while creating high quality architecture that addresses pressing demographic issues.

### **About the Design**

SkyTerrace@Dawson is a new generation HDB housing prototype located in Dawson Estate, Queenstown, bounded on the north by Margaret Drive and on the west by Dawson Road.

The precinct is composed of five residential 43-storey towers and a four-storey linear car-park podium. These are connected by sky-bridges at every level, enabling residents to have an uninterrupted covered journey from the car-parks to the lift lobbies and to their apartments.

The project embodies three key ideas - housing in a park, connectivity to surroundings and multi-generational living.

Surrounded by greenery along its entire northern and southern boundaries, the site is planned to have seamless connectivity to greenery. The first two key ideas are further manifested in the development by introducing lush landscaping on the ground plane as well as the building facades in the form of green terracing, roof gardens and landscaped sky terraces that span between the towers.

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Taking advantage of the site's long north and south orientation, the residential towers are aligned along this axis, maximising the north-south exposure and limiting the development's frontage to the western sun.

The concept of multi-generational living and community building is reinforced by providing the spatial framework for extended families to occupy interconnected loft units. These units are designed to allow the possibility of combining a paired double-storey four or five-room unit with a studio apartment. The double-storey unit enjoys a double-height living room that is attached on the upper level to a loft space and a connecting door to an adjacent studio unit.

In total, there are 758 units comprising 16 unit types that cater for a diverse range of families and extended families in the estate. The concept of community building is further promoted by the creation of recreational spaces that allow greater communal interaction in a park-like setting.

Representing a new generation of sustainable public housing in Singapore, SkyTerrace@Dawson is constructed using pre-cast RC modules that are factory fabricated and assembled on site. The project also features green design technologies such as drip irrigation, rainwater harvesting, bio-retention basins and solar energy systems.

## **About the Designer**

SCDA is a multi-disciplinary architectural encompassing architecture, interior and landscape design, established in 1995.

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SCDA's design strive for tranquillity and calmness qualified by space, light and structural order. Architectural expressions are distilled to capture the spiritual essence of 'place'. Its architecture and interiors are inspired by the cultural and climatic nuances of its context,

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integrating landscape, water features and blurring the distinction between interior and exterior.

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**Design of the Year**

- 8 **SkyVille@Dawson**  
**WOHA Architects Pte Ltd**  
Wong Mun Summ & Richard Hassell and Team

**Jury Citation**

SkyVille@Dawson envisions a new typology for public housing in high-density urban areas. The architects managed to break down the scale of the high-rise block into a series of vertical villages, creating meaningful communal spaces akin to the *kampong* or village.

At 11-storey intervals in elevation, horizontal planes with luscious greenery are inserted to create a spacious and airy environment for each residential cluster. The intervals coincide with and recall the heights of first generation public housing, bringing the familiarity of a ground level void deck to even residents who are living at higher levels.

A variety of communal spaces such as communal living rooms and sky gardens are carefully curated along the streets in the sky at three strategic levels, creating a more human scale environment in this 47-storey building complex. A repetition of simple geometry creates a rich diversity of spaces, visual connectivity and a sense of orientation.

The Jury commends it for being an exemplar for future public housing by fulfilling the high density requirement in an increasingly land scarce Singapore, while still keeping the spirit of old *kampongs* or villages.

**About the Design**

SkyVille@Dawson is a social housing project of 960 homes in Singapore, commissioned in 2008 by the Housing and Development Board (HDB). The project combines community living and sustainability concepts within public housing, to serve as a model for urban high-amenity, high-density mega-structures.

The architecture provides a beam-free, clean and flexible space as the core of each home, with a variety of interior layouts. This was the first scheme to be offered to buyers with three different options of more or less internal rooms for each type.

As 960 apartments are too large a grouping for a sense of community, the houses are grouped into 12 villages of 80 families, a translation of the former *kampong* pattern into contemporary social housing. On plan, the linked block is composed of three villages, and each village is 11 storeys high. The three villages, separated by their own sky gardens, repeat vertically four times, and these are distinguished by the colour scheme of architectural elements and lift lobbies.

Each home is part of a Sky Village, overlooking and sharing a naturally ventilated and lit, covered community sky terrace and garden. Many viewing perspectives open up to the landscape, to the planted green within the building and to communal spaces below, so that residents look out to “their” high-rise village and see their neighbours. Another innovative design aspect is the covered external spaces within the block, which are conceived as “multiple ground levels” where residents can socialise as they would in a traditional city ground level.

Other social and community spaces include the Rooftop Public Park, which houses a 400m jogging track and rooftop pavilions fitted with PV panels that power lighting in the common areas, as well as the Urban Plaza which is located along a public linear park and boasts a supermarket, coffee shop and retail spaces.

Artist Troy Chin was engaged to make drawings depicting the former and contemporary ways of living in the area, and these were cast into the precast concrete walls. The sky garden design also adds a nostalgic touch in the form of blue glass elements which reflect the old Hokkien dialect name for the district, *Lam Po Lay* (which means blue glass), as the old low-rise apartments in the area were fitted with blue glass windows.

### **About the Designer**

The architecture of WOHA, founded by Wong Mun Summ and Richard Hassell in 1994, is notable for its constant evolution and innovation. A profound awareness of local context and tradition is intertwined with an ongoing exploration of contemporary architectural form-making and ideas, thus creating a unique fusion of practicality and invention. WOHA conceptualises all aspects of the architectural process, and environmental principles have always been fundamental to the work of the practice, which is guided by a commitment to responsive place-making and to the creation of an invigorating and sustainable architecture.

WOHA has developed a unique approach to tropical architecture and urbanism, weaving landscape and community space through porous structures. WOHA has launched a new book at the 2016 Venice Biennale, called *Mega City Garden City*, which shares strategies for the exploding mega cities of the tropical belt. In the book, WOHA shows how integrated landscape, architecture and urbanism can improve quality of life within high density environments. In the book, WOHA proposes five new ratios for evaluating the success of projects - Green Plot Ratio, Community Plot Ratio, Ecosystem Contribution Score, Civic Generosity Index, and Self Sufficiency Index - to ensure projects achieve social and environmental sustainability.

WOHA's built projects – throughout Southeast Asia, China, and Australia – range from apartment towers to luxury resorts, mass-transit stations, condominiums, hotels, educational

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institutions, and public buildings. WOHA has won an unprecedented number of architectural awards for a Southeast Asian practice - from an Aga Khan Award in 2007, to the RIBA Lubetkin award, to their World Architecture Festival award winners in such diverse categories as education - School of the Arts, holiday - the Alila Villas Uluwatu resort, and transport - the Bras Basah MRT station. Their Platinum Green Mark-rated PARKROYAL on Pickering hotel, since opening in 2013, has become one of Singapore's most iconic buildings.

The practice currently has projects under construction in Singapore, India, Australia and Indonesia. WOHA exhibited an invited, solo show at The Skyscraper Museum in New York from March to September 2016. A travelling exhibition devoted exclusively to their works opened at the Deutsches Architekturmuseum, Germany, in December 2011, and four substantial monographs have already been published.

## National Archives of Singapore



**Design of the Year**

**9 Vscan Access**

**Chemistry Form Pte Ltd and GE Healthcare**

Bassam Jabry, Karin Aue & Abhay Nihalani and Team

**Jury Citation**

Approximately 800 women around the world die each day from pregnancy related causes that may be prevented by early detection. Armed with this statistic and the fact that ultrasound devices play a crucial role in informing clinical decisions and pregnancy management, the team from GE and Chemistry set out to redesign the standard ultrasound scanner from the ground up.

The Vscan Access scanner is portable, durable and robust enough to withstand use in third world conditions. The device has a simple and intuitive interface that makes it easy to learn and quick to use. With its apps and clinical utilities, it provides an effective transfer of data and management of patient information to a nearby hospital, allowing for an additional level of expert advice and treatment instructions if required. The result is a design system that is accessible, affordable, scalable and highly appropriate in the low-resource setting for which it was designed.

This project is a masterclass in human centred research, user interface design and system integration, bringing critical healthcare to those who need it most. It is a brilliant example of what a professional design process can bring to a highly technical product and process.

**About the Design**

The World Health Organisation (WHO) estimates that “70% of medical equipment coming from the most developed nations does not work in developing world facilities.” Responding to an urgent public health need, GE Healthcare’s latest innovation is an ultrasound device designed for primary healthcare workers to assess pregnancy risks early, expanding the reach of quality care to mothers who need it most in developing countries.

GE Healthcare spearheaded a global team of engineers, designers and health experts, guided by a human-centred design process, to work on the Vscan Access over three years. Chemistry, a Singapore-based innovation design agency, was appointed by GE Healthcare to carry out end-user research, run creative workshops with multi-disciplinary stakeholders, and develop and test prototype design solutions. Chemistry also developed the detailed design of the entire Digital User Interface.

Their work focused strongly on bringing a medical grade device into the hands of primary healthcare workers, such as midwives, who may not possess the experience to use such a

product. The team worked hard to bring simplicity, ease of use and confidence to the interaction with the on-screen digital interface.

In many developing countries, mothers may face life-threatening complications during their pregnancy and labour due to risk factors or anomalies not detected earlier. Equipping primary healthcare workers with a simple ultrasound device would enable early detection and proper management of pregnancy risks which would help reduce maternal mortality. In addition, placing ultrasounds in primary care clinics has increased antenatal care attendance and improved the quality and confidence of antenatal care provided by midwives. The low price point also enables governments to deploy these products on a national scale.

Combined with a durable, robust and portable exterior, this product is ideally suited to serve the needs of mothers and midwives in low-resource settings. It has a 1.5-hour continuous scanning time and allows for versatile charging from solar chargers, generators, and even vehicle lighter charging ports.

Finally, with the spread of smart phone technology to more developing nations, this device is positioned to play a significant role in mobile health services that help primary healthcare workers reach out to mothers remotely. Sharing the baby's ultrasound image via Bluetooth creates a huge wow effect and brings smiles to everyone's faces!

### About the Designers

**GE Healthcare** provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients. As one of the oldest centres of excellence at GE Healthcare, the **GE Healthcare Global Design Group** has touched hundreds of GE Healthcare products and achievements. This group represents product design, interaction design, human factors teams as well as design and usability research in studios located in Shanghai & Chengdu, China, Buc, France, Hino, Japan and Bangalore, India.

**Chemistry** is a Singapore based creative agency. Founded in 2000, today the company focuses on using Experience Design as a strategic tool to help companies foster a more creative culture and deliver human-centred solutions to their customers. Over the years we have been privileged to work across diverse industry sectors to help organisations like Dell, Singapore Tourism Board and GE Healthcare to bring breakthrough ideas to market. Chemistry's design work has been featured at the Singapore Art Museum and our opinions and ideas have been covered on Channel News Asia, SC Global magazine and the Singapore Business Times newspaper.

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**Icarus Design** is a leading Branding and Industrial design consultancy, based in Bangalore, India, that accept no limits to the positive contribution that Design can make in every field. Icarus has over 20 years of experience - with multidisciplinary capabilities of User Research, Concept Creation, Prototyping, Testing, Engineering, Software Development and regulatory support services to help clients innovate in product design development and Branding to produce high-value business outcomes and position products for new markets.

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## **Design of the Year**

- 10 **Wah Son @ Seletar Aerospace Park**  
**ipli Architects**  
Yip Yuen Hong and Team

### **Jury Citation**

Wah Son @ Seletar Aerospace Park is a simple factory building of sophisticated expression. It makes a strong statement for the architectural potential of a simple typology.

By articulating the solid mass of the building as two volumes that frame a narrow slot garden, an inspiring, dramatic space emerges between a straightforward office block and a highly functional workspace for the making of precision tools. This sudden splash of life is unexpected in industrial buildings and provides a point of respite for its occupants. A series of openings in the building's envelope creates a rhythmic interplay of light and shadow that changes throughout the day, providing workers with a very well ventilated and illuminated working environment. The singular use of concrete for both the external and internal material and the simple, volumetric detailing adds sculptural quality and displays a remarkable economy of means.

The Jury commends Wah Son @ Seletar Aerospace Park for its exemplary architectural courage in the mundane world of business parks, its masterly handling of volume and light and its creation of a balanced working environment that is infused both by nature and culture.

### **About the Design**

Wah Son @ Seletar Aerospace Park was designed with a preoccupation to make a production and machinery space conducive for people to work and spend time in.

Instead of having one big shed to accommodate the biggest overhead crane, the design approach breaks down the space into smaller forms, creating a more intimate environment for all.

In between the production and office block, the office block is peeled at the fulcrum to form an internal courtyard, which is enjoyed by the people working in both production bays and office block. The peeling gesture creates a prized space that is unexpected in an industrial estate setting and forms a focal point, a gathering space for interaction and respite for both production and office workers. The courtyard enjoys a constant play of shadows throughout the day, and houses a vegetable garden that provides ingredients for the kitchen located on the first storey of the office block.

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The generous and playful composition of openings are evident along the bare concrete walls on the top and sides of the building. Forming a lively pattern on the building's façade, these openings provide abundant natural lighting, allow for cross ventilation and connect users with the natural environment. Light metal screens also allow plants to creep, inviting a layer of green onto the building's skin. It creates a gentle shade and draws nature even closer to the users.

## About the Designer

In 2002, Yip Yuen Hong founded ipli Architects with partner Lee Ee Lin. His architectural practice is primarily driven by his curiosity about the world and his solution-based approach to design. For him, a singular idea is more powerful than an amalgamation of ideas in one project. His work seeks simplicity in form, space, programme, material and budget, while resolving issues in a single brushstroke and meeting the clients' needs. That simplicity is also reflected in his minimal palette of finishes and details. His design process demands rigour and focus, and the result is often poignant and articulate, yielding architecture that is quiet, simple, soulful and timeless.

While Yuen Hong does not set out to break new ground, he constantly seeks to create something that is timeless and relevant, and to derive satisfaction from what he does. To him, design is not just about making or creating beautiful things, rather it is part science, part art. Architecture has always been his passion, though other forms and disciplines of design that are more "instantaneous" intrigue him from time to time, as these disciplines are about feeling the pulse of the moment.

For Yuen Hong, the architecture practice is an explorative search and a personal journey. He injects an "unreal" notion to explore, such as a daydream or a child-like perception, and sets out an explorative idea to achieve in every project. These explorations form an escape and a sanctuary that keep him going. He also motivates himself through questioning and reflections.

Of late, he finds architecture that is accessible by only a few people too indulgent. He has since developed a consciousness that architecture should instil meaning and work for the community. He often ponders what it means to be meaningful or socially responsible, questions how it is achievable in Singapore's context, and constantly reflects on what it means to grow up and build in affluent Singapore.

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**Media Release | Annex B**  
**PRESIDENT'S DESIGN AWARD 2016 JURY**

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- 1 **Mr Sonny Chan Sau Yan**  
Principal, CSYA Pte Ltd  
(Singapore)
- 2 **Mr Theseus Chan**  
Creative Director & Founder, WORK Pte Ltd and WERK Magazine  
(Singapore)
- 3 **Mr Patrick Chia**  
Founding Director, Design Incubation Centre, Division of Industrial Design,  
School of Design & Environment, National University of Singapore; and  
Founder, Squeeze Design  
(Singapore)
- 4 **Er Chong Kee Sen**  
Immediate Past President, Institute of Engineers Singapore; and  
Director, Engineers 9000 Pte Ltd  
(Singapore)
- 5 **Mr Sou Fujimoto**  
Founder, Sou Fujimoto Architects  
(Japan)
- 6 **Dr Brandon Gien**  
Founder and Chief Executive Officer, Good Design Australia; and  
Senator, World Design Organisation  
(Australia)
- 7 **Mr Tim Kobe**  
Founder & Chief Executive Officer, Eight Inc.  
(Singapore / United States of America)
- 8 **Mr Peter Kor**  
Founder, Peter Kor Atelier  
(Singapore)
- 9 **Mr Lyndon Neri**  
Founding Partner, Neri & Hu Design and Research Office  
(China)

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- 10 **Mr Franklin Po**  
Principal, Tierra Design (S) Pte Ltd  
(Singapore)
- 11 **Mr Matthias Sauerbruch**  
Founding Partner, Sauerbruch Hutton  
(Germany)
- 12 **Mr Siew Man Kok**  
Chairman & Founding Director, MKPL Architects Pte Ltd  
(Singapore)
- 13 **Mr Jackson Tan**  
Creative Director, BLACK Design  
(Singapore)
- 14 **Mr Peter Tay**  
Design Director, Peter Tay Studio  
(Singapore)
- 15 **Dr Erwin Viray**  
Head of Pillar, Architecture and Sustainable Design,  
Singapore University of Technology and Design  
(Singapore)
- 16 **Prof Min Wang**  
Professor of Graphic Design, China Central Academy of Fine Arts  
(China)
- 17 **Mr Voon Wong**  
Creative Director, Viewport Studio  
(Singapore / United Kingdom)

National Archives of Singapore

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



**Sonny Chan Sau Yan**

Principal  
CSYA Pte Ltd  
(Singapore)

Sonny Chan Sau Yan was born on 13 August 1941 in Kuala Lumpur, Malaysia. He had his primary, secondary and tertiary education in Malaysia and the United Kingdom, graduating as an architect in 1963 at the Northern Polytechnic of London, and did post-graduate Tropical studies at the Architectural Association School in 1964.

Thereafter, he practised in London with Arup Associates. He returned to Singapore in 1965 to continue his practice with Kumpulan Akitek. After 29 years of practice in his previous firm, he left as a Senior Partner, and established his present practice under the style of Chan Sau Yan Associates in 1993. In 2011, Chan Sau Yan Associates was incorporated and is now known as CSYA Pte Ltd.

His experience encompasses a wide range of residential, commercial, institutional, recreational and tourism related projects regionally as well as internationally. His extensive experience in resorts and city hotels span over 45 years. He has worked with international chain operators such as Hyatt, Sheraton, IHG, Mandarin Oriental, Hard Rock Hotel, Hilton and other independent operators.

Besides running his practice, he was a founder member of the Singapore Planning and Urban Research Group. He has also been an external tutor, examiner and adjunct associate professor in the School of Architecture, National University of Singapore; an external critic with Universiti Malaya as well as serving in the professional institute and other government institutions, in various capacities.

Mr Chan has received several architectural awards for design distinction, including the prestigious President's Design Award 2011 in the Designer of the Year category.

In 2013, he published his monograph, *Green Ink on an Envelope*, which documents his architectural journey over four decades.



# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



## **Theseus Chan**

Creative Director & Founder  
WORK Pte Ltd, WORK Magazine  
(Singapore)

Theseus Chan is a Singaporean graphic artist and printed matter designer with a keen interest in the visual arts, materials, printing and processing technology. His publication, WORK Magazine has garnered international acclaim for pushing the boundaries of publication design.

He was the first Visual Communication designer in Singapore conferred Designer of the Year at the inaugural President's Design Award Singapore in 2006. In 2012, Mr Chan was the first Singaporean designer to have a solo exhibition at the prestigious Ginza Graphic Gallery (ggg) in Tokyo and in 2015, he became the only Singaporean to be elected as member of AGI Alliance Graphique Internationale. International awards, including D&AD Yellow Pencils, New York Art Directors Club (ADC) and the Tokyo TDC Awards.

His works are in the permanent collection of Cooper Hewitt, Smithsonian Design Museum in New York, and M+, Museum of Visual Culture in Hong Kong. Some of his collaborators include Comme des Garçons, Gerhard Steidl and Keiichi Tanaami.

# National Archives of Singapore

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



## Patrick Chia

Founding Director  
Design Incubation Centre, Division of Industrial Design  
School of Design and Environment, National University of  
Singapore; and  
Founder  
Squeeze Design  
(Singapore)

Born in Singapore and having studied Industrial Design in Australia, Patrick Chia's designs have been exhibited and represented by galleries in Paris, New York, Los Angeles, London and Tokyo. Since 2002, he has collaborated extensively with the Japanese company Time and Style. In 2006, Mr Chia was awarded The Best Breakthrough Act by the influential international design magazine, *Wallpaper\**, during its 2006 Annual Design Awards. In 2013, Mr Chia received the Designer of the Year Award at the President's Design Award for his body of work, which includes his practice, research and teaching.

Since 2006, Mr Chia has been the founding director of the Design Incubation Centre (DIC), National University of Singapore. The DIC was recently voted by *Surface Asia* magazine as one of the most progressive design laboratories in the Asia Pacific region. Under his direction, the DIC has conducted design research and investigations into new tools and processes that explore and expand new possibilities for design practices in Singapore.

Projects developed by the DIC have been published extensively in design journals and have been exhibited at the Museum of Modern Art, New York and the AMC Siggraph. The collection of table top objects developed by the DIC under the d.lab brand has been represented by major galleries and retailers around the world and was awarded the Design of the Year at the President's Design Award in 2010. In 2013, Mr Chia wrote *Design Incubator: A Prototype for New Design*, a handbook on design strategies and workflows applied by the DIC, published by Laurence King Publishing, UK.

Mr Chia has also been appointed Jury member for various competitions and awards such as the Red Dot Design Awards, James Dyson Award, the Singapore Furniture Award and the President's Design Award Singapore, for which he served as a Jury Chair in 2015 and 2016. He is also a member of the Design Advisory Panel as well as the International Advisory Committee for the Singapore Furniture Industries Council.

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



## **Er Chong Kee Sen**

Immediate Past President  
Institute of Engineers Singapore; and  
Director  
Engineers 9000 Pte Ltd  
(Singapore)

Engineer (Er) Chong Kee Sen is the immediate past President of the Institute of Engineers Singapore (IES). He has served on the IES Council for more than 10 years, including being its Honorary Secretary for four years. Er. Chong joined IES as a member in 1992 and is now a Fellow of the Institution.

Er Chong was a key mastermind behind the industry-led accreditation initiative for Resident Engineers (RE) and Resident Technical Officers (RTO) and was the founding chairman of the Joint Accreditation Committee formed by IES, the Association of Consulting Engineers Singapore (ACES) and the Building Construction Authority (BCA) for the registration of Civil and Structural REs and RTOs. He also co-chaired the development of SS 593: Code of Practice on Pollution Control in partnership with the National Environment Agency (NEA). He also sat on various industry and government agencies committees as an IES representative.

Er Chong graduated from the Nanyang Technological University (NTU) in 1987 with an Honours in Civil and Structural Engineering. Presently the President of the NTU Civil and Environmental Engineering Alumni Association (NCEEAA), he has raised funds for bursaries and book prizes for deserving Civil and Environmental Engineering students. He is presently a member of the NTU program advisory committee for the B. Eng (Civil) program. For his outstanding contributions towards fostering closer ties between the Alumni and the university, he was presented with the NTU Nanyang Alumni Service award in 2008.

Er Chong is a board member of the Professional Engineers Board, where he chairs interview panels for the registration of professional engineers. He has been a registered Professional Engineer since 1996 and is also an ASEAN Chartered Professional Engineer.

As Director of Engineers 9000 Pte Ltd, a civil and structural consulting engineering company, Er Chong has executed various large infra-structural projects as a professional engineer. These projects include petro-chemical plants, pharmaceutical plants, combined cycle power plants, land reclamation and soil improvement projects, near shore marine structures and many other industrial and building projects.

PRESIDENT'S  
DESIGN AWARD  
SINGAPORE  
2016



**Sou Fujimoto**

Founder  
Sou Fujimoto Architects  
(Japan)

Sou Fujimoto was born in Hokkaido in 1971.

After graduating from the Department of Architecture, Faculty of Engineering at Tokyo University, he established Sou Fujimoto Architects in 2000.

In 2016, his recent work Mille Arbres won the 1st prize for one of the 23 sites in the French competition, *réinventer. paris*, following its triumph in the Invited International Competition for the New Learning Center at Paris-Saclay's Ecole Polytechnique in 2015; in the International Competition for the Second Folly of Montpellier; and Liget Budapest House of Hungarian Music in 2014 when he was awarded The Wall Street Journal Architecture Innovator Award. In 2013 he became the youngest architect to accept the invitation to design the annual summer pavilion for the Serpentine Gallery in London.

In 2012, he participated in the exhibition for the Japan Pavilion in the International Architecture Exhibition – “La Biennale di Venezia”, which was awarded the Golden Lion for Best National Participation.

Among his multiple awards, he was granted the first prize of the international competition for Taiwan Tower and Beton Hala Waterfront Center in 2011, and the Grand Prize for AR Awards 2006 (Children's Center for Psychiatric Rehabilitation).

Mr Fujimoto's most important works include the Serpentine Gallery Pavilion 2013 (2013), House NA (2011), Musashino Art University Museum & Library (2010), Final Wooden House (2008), and House N (2008).

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



## **Dr Brandon Gien**

Founder and CEO  
Good Design Australia; and  
Senator  
World Design Organisation

Dr Brandon Gien is the Founder and CEO of Good Design Australia and Chair of Australia's Good Design Awards, Australia's oldest and most respected design awards dating back to 1958.

Dr Gien studied Mechanical Engineering at the University of Newcastle where he later graduated with a Bachelor's Degree in Industrial Design. He holds a PhD in Environmental Design from the University of Canberra's School of Design and Architecture. Dr Gien created the annual Good Design Festival in Australia and is the Co-Founder of the Design as Strategy Forum™ and Design Entrepreneur Awards.

Dr Gien was inaugurated as a Senator of the World Design Organisation in 2015, the world body for Industrial Design. He was previously a member of the Board of Directors and was also elected President of the organisation from 2013 to 2015. During his term, Dr Gien spearheaded the strategic transformation of the organisation, resulting in a new name, new vision and mission and a new global definition of Industrial Design.

Prior to founding Good Design Australia, Dr Gien was also the Executive Director of Design Strategy and Head of Corporate Services at Standards Australia, recognised by the Government as Australia's peak standards body.

In 2011, Dr Gien was made a Fellow of the Design Institute of Australia (DIA) for his contribution to the design profession in Australia and internationally. He is a professional member of the Industrial Design Society of America (IDSA) and a Member of the Australian Institute of Company Directors (AICD). Dr Gien is also a Board Member of Shanghai City Government's International Creative City Advisory Board and sits on a number of panels including the International Advisory Board of Srishti Institute of Art Design and Technology in India as well as has participated as a jury member for the China's Red Star Design Awards, Rado Design Prize Africa, the Design for Asia Awards and more recently, the World Design Capital Selection Committee.

Dr Gien was made a Design Ambassador to Japan, an international design advocacy role organised by the Japan Institute of Design Promotion (JDP) and was selected to be a part of an Australian Design Delegation to Beijing to represent Australia at the annual Beijing International Design Week.

PRESIDENT'S  
DESIGN AWARD  
SINGAPORE  
2016



**Tim Kobe**

Founder & Chief Executive Officer  
Eight Inc  
(Singapore/United States of America)

Tim Kobe graduated in Environmental Design with honours in 1982 from Art Center College of Design. He worked in Los Angeles for Herb Rosenthal and Associates, at the American Broadcasting Company and in New York with Murray Gelberg and The Burdick Group in San Francisco. In 1987, Mr Kobe became a founding partner in West Office Design Associates, a firm focusing on museum and exhibition design that was responsible for the master planning of museums and for several science museum exhibitions in the US and the Hong Kong Science Museum.

Mr Kobe founded the globally recognised strategic design firm Eight Inc. in 1989. Today, Eight Inc. has offices in San Francisco, New York, Honolulu, Tokyo, London, Singapore, Dubai and across China, and is a leader in innovation and brand experience, working with companies such as Apple, Virgin Atlantic Airways, Nike, Coke, Knoll and Citibank. Eight Inc. works across many traditional disciplines: strategy, architecture, exhibition, interior design, product, communications and branding. Many projects have received international design awards and have been published in Asia, Europe, and the United States. In 2006, Eight Inc. was selected to represent the United States at the Architecture Biennale in Venice, Italy. It has also received the Architectural Record Honor award for its design, "High Density on the High Ground", in a competition to create residential solutions for New Orleans after Hurricane Katrina.

Besides running his practice, Mr Kobe has lectured at the Art Center College of Design, California College of Arts and Crafts, and the San Francisco Academy of Art and on behalf of the US State Department regarding sustainability and architecture in Bangkok and Los Angeles. He was guest lecturer at the prestigious annual Picnic in Amsterdam and at the annual Microsoft Symposium in New York and the Northern Lights Congress in Helsinki Finland.

Mr Kobe is also a trustee at Art Center College of Design and currently serves as Chairman of the Academic Affairs Committee. He also serves on the Board of Directors for the Grabhorn Institute in San Francisco California and divides his time between California and Singapore.

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



## **Peter Kor**

Founder  
Peter Kor Atelier  
(Singapore)

Peter Kor is one of Singapore's veteran fashion designers and entrepreneurs, widely lauded as Singapore's "cheongsam grandmaster" for his signature design aesthetic and impeccable craftsmanship and detailing. From his humble beginnings as a style book illustrator for a fashion design company, Mr Kor went on to launch his own fashion label, "Bianca", in 1986. The ready-to-wear lines of the label were quickly picked up by large department stores such as Isetan and Metro. Two years later, the eponymous "Peter Kor" label was launched.

Besides being one of the nation's trailblazing fashion entrepreneurs, Peter has judged local and international fashion contests including the Singapore Fashion Designers Contest (1995, 2001 and 2006) and the 15<sup>th</sup> China International Young Fashion Designers Contest (2007). He has also been invited for several designer showcases at the Singapore Fashion Week and represented Singapore on international platforms such as the Asia Designer's Forum in Tokyo (together with globally acclaimed designers such as Lee Shin Woo and Yohji Yamamoto), the ASEAN Young Designers Show, and the World Fashion Collection in Osaka.

After immersing himself in the contemporary Chinese market for more than a decade, where he served as design consultant and Creative Director in Beijing, Mr Kor returned to Singapore to relaunch the "Peter Kor" label at Tangs in 2009. His flagship boutique on Purvis Street (now relocated to Queen Street) was opened the following year. The label, which has amassed great acclaim since its launch, features ready-to-wear pieces and bespoke items. The distinctive Peter Kor aesthetic – bold, classic, and proudly Oriental – has won him an unwavering following throughout the years. Mr Kor's relentless inventiveness gives credence to his guiding motto: "A true designer never repeats himself."

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



## **Lyndon Neri**

Founding Partner  
Neri&Hu Design and Research Office  
Design Republic

Lyndon Neri is a Founding Partner of Neri&Hu Design and Research Office, an inter-disciplinary international architectural design practice based in Shanghai, China with a second office in London, UK.

Mr Neri and his partner Ms Rossana Hu were named Maison&Objet Asia Designers of the Year 2015 and Wallpaper\* Designers of the Year 2014. In 2013, Mr Neri was inducted into the US Interior Design Hall of Fame with Ms Hu. The practice was selected as the 2011 INSIDE Festival Overall Winner, won AR Awards for Emerging Architecture 2010 by Architectural Review (UK) and was one of the Design Vanguard in 2009 by Architectural Record (US). In 2006, Mr Neri was selected by I.D. Magazine as one of the 40 designers globally who deserve more attention in "I.D. 40".

Besides award-winning architecture and interiors, Mr Neri has been actively involved in teaching and research, having lectured and exhibited around the world. Mr Neri and Ms Hu were invited as the guests-of-honour of imm cologne to create Das Haus 2015. They have designed products for brands including Classicon, Triade, Fritz Hansen, Gandia Blasco, LEMA, MOOOI, Nanimarquina, Offecct, Parachilna, Poltrona Frau, Porro, Wallpaper\* Handmade, Meritalia, BD Barcelona Design, Viabizzuno, and brands in Asia, including JIA and Stellar Works and neri&hu, among many others. In 2015, Lyndon and Rossana were appointed Creative Directors of Stellar Works.

Mr Neri is also a founder of Design Republic, a retail concept store based in Shanghai that offers a unique collection of products created by the world's best furniture design talents. Mr Neri received his Master of Architecture at Harvard University and his Bachelor of Arts in Architecture at the University of California at Berkeley.



# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



**Franklin Po**

Principal  
Tierra Design (S) Pte Ltd  
(Singapore)

As Principal and Creative Director of Tierra Design, Franklin Po is passionate about the holistic integration of landscape and architecture. He creates viable amalgamations of these allied disciplines, removing the divide between the built form as monument and the landscape as garden, so as to enhance the quality of the environment for its users.

Mr Po's journey in design began after completing a Bachelor's Degree in Biology at the University of California, Irvine. Thereafter, he attended the UCLA Graduate School of Architecture and Planning on a Welton Beckett Architects Fellowship, graduating in 1973 with a Masters Degree in Architecture with Design Excellence. Mr Po practised for the next 20 years in Los Angeles. His work in California included the Tom Bradley International Terminal, UNOCAL Oil Museum, Carl Bean Aids Hospice and Angelus Plaza Elderly Housing. All of these have won AIA Awards of Excellence.

In 1993, Mr Po returned home to Singapore, and founded Tierra Design two years later. Informed by his training as an architect, his work at Tierra has managed to incorporate landscape architecture, architecture and urban planning into a hybrid known as Landscape Urbanism. The studio has become known as a champion for urban vertical greening, and some key projects include the 15m high, 300m long hanging green tapestry at Changi International Airport Terminal 3, and the Loft condominium featuring modular lengths of vertical green panels, introduced for the first time in Singapore, as living green motifs for a granite clad wall. Other seminal works include the landscape design for Lee Kong Chian Natural History Museum, the Marina Barrage project and PARKROYAL on Pickering, which was highlighted at the World Green Roof Congress 2015 by Patrick Blanc as the one truly integrated green building he has encountered.

Mr Po consciously endeavours to push the boundaries of landscape design beyond mere accessory or decoration. In the pursuit of Excellence, he finds important meaning in benefitting society as a whole.

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**Matthias Sauerbruch**

Founding Partner  
Sauerbruch Hutton  
(Germany)

Matthias Sauerbruch is an architect and founding partner of Sauerbruch Hutton.

From 1985 to 1990 he taught at the Architectural Association; from 1995 to 2001 he was professor at the TU Berlin; and from 2001 to 2007 professor at the Stuttgart Akademie der Bildenden Künste. He was a visiting professor at the Harvard Graduate School of Design from 2008 to 2011 and a guest professor at the Universität der Künste Berlin from 2012 to 2014. Mr Sauerbruch has lectured, chaired and participated in juries, and contributed to conferences around the globe.

He is a founding member of the German Sustainable Building Council, a commissioner of the Zurich Building Council, a trustee of the Bauhaus Dessau Foundation, a member of the Berlin Akademie der Künste and an Honorary Fellow of the American Institute of Architects.

Sauerbruch Hutton is an international award-winning agency for architecture, urbanism and design founded by Louisa Hutton and Mr Sauerbruch in 1989. Sauerbruch Hutton has been recognised for its long-term engagement with sustainability. Its integrated design approach aims for an architecture that combines ecological performance with intuition and sensuality. Among Sauerbruch Hutton's projects are the GSW Headquarters in Berlin, the Brandhorst Museum in Munich and the Federal Environmental Agency in Dessau, all benchmarks for sustainable design.

Louisa Hutton and Mr Sauerbruch were awarded the Erich Schelling Prize in 1998, the Fritz Schumacher Prize for Architecture in 2003, the International Honour Award for Sustainable Architecture in 2010 and the Gottfried-Semper-Award 2013. For the Immanuel Church in Cologne Sauerbruch Hutton was awarded the German Architecture Award 2015. The practice is currently working on a number of projects in Germany and Europe, including the M9 Museum of the 20<sup>th</sup> Century in Venice.

PRESIDENT'S  
DESIGN AWARD  
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**Siew Man Kok**

Chairman and Founding Director  
MKPL Architects Pte Ltd  
(Singapore)

Siew Man Kok graduated from the National University of Singapore with a Bachelor of Architecture (Honours) degree in 1989. In March 1995, he set up MKPL Architects with his partner, Cheng Pai Ling.

They saw interpreting the local vernacular with technology in a contemporary context as an imperative, in their pursuit of architecture that will speak of its locale, climate and culture.

Most recently, Mr Siew was honoured with the President's Design Award for the past two consecutive years: in 2014 Kent Vale Faculty Housing received the Design of the Year, and in 2015 he received the prestigious Designer of the Year accolade for his outstanding contribution to design and culture in Singapore.

He has taught at his alma mater, the National University of Singapore, as a part-time tutor from 1994 to 2010 as well as an examiner from 2002 to 2004. He had also contributed his time as a member of the Architectural Design Panel of the Housing & Development Board (HDB) and was a member of the Preservation of Sites & Monuments Advisory Board (PSMAB). He now serves as a member of the Design Advisory Committee of the Urban Redevelopment Authority (URA).

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PRESIDENT'S  
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**Jackson Tan**

Creative Director  
BLACK Design  
(Singapore)

Jackson Tan (born in 1974) is a Singaporean artist, designer and curator.

He is the creative director of BLACK, a multi-disciplinary creative agency (2002 - present) and founding partner of PHUNK, a contemporary art & design collective (1994 - present) based in Singapore.

He has collaborated and worked with brands and clients such as Nike, MTV, The Rolling Stones, Asian Civilisations Museum, DesignSingapore Council, Herman Miller, UNIQLO, Levi's and Tiger Beer. Notable projects include the brand concept and identity of SG50, a commissioned design created to celebrate Singapore's golden jubilee, and the experience design of the Peranakan Museum. In 2013, BLACK was commissioned by the Bureau of Cultural Affairs of Kaohsiung City to curate and design 'CREATIVE@ITIES', an exhibition that "maps creativity in Asia-Pacific's cities today". BLACK was awarded 'Design: Best of Category' and 'Independent Agency of the Year' at the Gong Show 2014.

PHUNK's artworks are featured in numerous museum collections and gallery exhibitions, including Singapore Art Museum, MOCA Taipei, Design Museum, Gwangju Design Biennale, Venice Biennale and the Fukuoka Asian Art Museum.

Mr Tan was awarded 'Designer of the Year' in 2007 by the President's Design Award, the highest accolade for designers in Singapore.

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



**Peter Tay**

Design Director  
Peter Tay Studio  
(Singapore)

Peter Tay of Peter Tay Studio is the celebrity interior designer to stars, such as Stephanie Sun, Zoe Tay, Wang Leehom and Zhang Ziyi. His portfolio comprises high-profile residential and commercial projects. Peter Tay has worked on boutiques and showrooms for Richard Mille, Manolo Blahnik, Armani Casa and Poliform (Space Showroom), as well as luxury showflats for SC Global and Hotel Properties Limited (HPL), including The Met in Bangkok, Lincoln Modern, BLVD and Martin 38 in Singapore.

Best known for his sleek yet luxurious approach to design, Mr Tay's designs are contemporary and timeless, and at the same time, they encapsulate the pure essence of space that delicately accentuates the lifestyles of his clientele. He also works on the art of tailoring timeless beauty through materials and textures, which serves to guide design invention and outlines the way in which forms transform over time to envelope life. Often, his designs bridge the perceptive space between interior and exterior spaces, and explore the duality and interchangeability between architecture and interiors.

After graduating from the Architectural Association in London in 2000, Mr Tay worked with some of the leading contemporary architects before starting his own practice in 2001. Mr Tay is also an educator and a keen supporter of design. He has been lecturing for the past 12 years at various design institutions. In 2013, he published his monograph, *Peter Tay*, which was launched in Kyoto, Hong Kong and Singapore in the same year.

Mr Tay participated in the "Time-Space-Existence" exhibition at Palazzo Bembo at the Venice Biennale, Italy in 2014. The exhibition was supported by XTRA Designs and the DesignSingapore Council.

Mr Tay received the 'Designer of the Year' award at the President's Design Award 2014.

PRESIDENT'S  
DESIGN AWARD  
SINGAPORE  
2016



**Dr Erwin Viray**

Head of Pillar, Architecture and Sustainable Design  
Singapore University of Technology and Design  
(Singapore)

Dr Erwin Viray is Head of Pillar, Architecture and Sustainable Design at the Singapore University of Technology and Design (SUTD).. He was Assistant Professor in the Department of Architecture at the School of Design and Environment of the National University of Singapore (NUS) and Global Excellence Professor at the Kyoto Institute of Technology, Japan, before taking up his current position at SUTD. He is also Design Critic of Architecture at the Harvard University Graduate School of Design (GSD) in Cambridge, MA, USA.

He has also received awards from the Council of Europe Swedish Institute Scholarship (1986), Japan Foundation Fellowship (1990), and the Kyoto City Appreciation Award (2001).

Dr Viray has served on the jury of the Singapore President's Design Award since 2012, chairing the Architecture and Urban Design panel in 2013, 2014, 2015 and 2016. He has also served as Chairman of the Jury for Archiprix SEA (SouthEast Asia) in 2012.

He is also Award Ambassador for LafargeHolcim Award Asia Pacific, a member of the International Advisory Council of Barcelona Institute of Architecture, the Planning and Management Committee of TOTO Gallery MA.

Dr Viray has produced publications such as *a+u : Herzog and De Meuron, 2002-2006*; *Studio Mumbai: Praxis* with TOTO Publishing; and *Christian Kerez: Uncertain Certainty*. He also authored the *Beauty of Materials: When Surfaces Start to Move* from Kyoritsu Publishing, and is one of the ten critics for *Phaidon 10x10\_2*, and curator for the 30<sup>th</sup> anniversary exhibition of TOTO Gallery MA – “The Asian Everyday: Possibilities in the Shifting World.”

PRESIDENT'S  
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**Prof Min Wang**

Professor  
Graphic Design  
China Central Academy of Fine Arts  
(China)

Prof Min Wang is Professor of Graphic Design at China Central Academy of Fine Arts (CAFA) in Beijing, as well as Vice Chair of CAFA's Academic Committee. From 2003 to 2016, he served as the Dean of the School of Design at CAFA. He was appointed by the Ministry of Education, China, as the Chang Jiang Scholars Professor in 2007. He was also Chair Professor at the School of Design of Hong Kong PolyU in 2013. Besides his academic appointments, Prof Wang is a council member of Creative Economy, World Economic Forum and a member of AGI (Alliance Graphique Internationale), serving as President of AGI China Chapter from 2013 to 2016.

Prof Wang was the Design Director for Beijing 2008 Olympic Games Committee and the Director of Art Research Center for Olympic Games at CAFA. Under his leadership, the Center created the medal, pictogram, colour palette, motif and branding identity guidelines for the Beijing 2008 Olympic Games. Min was also Vice President of ICOGRADA (the International Council of Graphic Design Associations), and oversaw the organisation of the ICOGRADA World Design Congress 2009.

Prof Wang is a DeTao Master and partner at De Boer & Wang Studio in Shanghai. He was the Design Director at Square Two Design in San Francisco from 1998 to 2003, having joined in 1998 after eight years as Design Manager, Senior Art Director, and Graphic Designer at Adobe Systems. Square Two Design's clients include Adobe, IBM, Intel, Netscape, and Stanford University.

Prof Wang received his Masters of Fine Art from Yale University in 1988. He was a visiting fellow in Germany. In 1989, he began lecturing in graphic design at Yale University, teaching graduate students until 1997. His work has been exhibited internationally and in museum collections.

# PRESIDENT'S DESIGN AWARD SINGAPORE 2016



**Voon Wong**

Creative Director  
Viewport Studio  
(United Kingdom/Singapore)

Voon Wong studied at National University of Singapore and the Architectural Association in London. After graduation, he worked in the offices of Rick Mather Architects, Zaha Hadid and the Danish architectural practice C. F. Møller. In 1997, he set up his own architecture studio in London, Voon Wong Architects, to pursue private projects. In 2001 he started to work on product design with Benson Saw, a graduate from London's Royal College of Art. They went on to be in the selection for the Italian Compasso D'Oro prize.

In 2006 the businesses combined to form VW+BS, a multidisciplinary practice focussing on product design and architecture, including the award-winning Upper Class cabins and on-board bars for Virgin Atlantic. Mr Wong was also conferred the Designer of the Year Award at the President's Design Award Singapore 2012, based on a body of award-winning product design work.

The latest iteration of the business is Viewport Studio, with Mr Wong as the creative director of a multidisciplinary agency working on a variety of projects. Viewport Studio works with a wide range of clients, including Fontana Arte, Royal Selangor, and those in the aviation industry, such as Delta Air Lines and EasyJet, as well as hotel projects and private architectural work. Mr Wong's practice has since completed over 150 architectural projects, mostly in London and Singapore.

## National Archives of Singapore



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## Media Release | Annex C

### PRESIDENT'S DESIGN AWARD 2016 EXHIBITION AND RECIPIENT'S FORUM

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The President's Design Award 2016 exhibition will showcase the recipients of 2016 'Designer of the Year' and 'Design of the Year'. The Award is Singapore's highest honour accorded to designers and designs from all design disciplines. The recipients are the standard bearers for design excellence, and bring about a greater general awareness and appreciation of quality design.

The exhibition will be held at the following locations:

**Where:** National Design Centre  
**When:** 10 December 2016 – 6 January 2017  
**Opening hours:** 9.00am – 9.00pm daily

**Where:** The URA Centre  
**When:** 9 – 27 January 2017  
**Opening hours:** 9.00am – 5.00pm (Mon-Sat)  
Closed on Sunday & Public Holidays

The Presidents' Design Award 2016 Designers and Designs of the Year Recipients will also share their awarded works and a behind-the-scenes peek at their design stories and journeys at a forum. The details are as follows:

#### Recipient's Forum I

**Where:** Auditorium, National Design Centre  
**When:** Friday, 16 December 2016  
**Time:** Session 1: 10.30am – 12.30pm  
Session 2: 3.00pm – 5.00pm

#### Recipient's Forum II

**Where:** The URA Centre  
**When:** Tuesday, 10 January 2017  
**Time:** TBC

For enquiries regarding the exhibition and the recipient's forum, please contact Ms Noriati Noor Rashid at [mci\\_pda\\_secretariat@mci.gov.sg](mailto:mci_pda_secretariat@mci.gov.sg).