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FOR IMMEDIATE RELEASE

ArtScience Museum sparks curious encounters with fresh voices and exciting new programmes

Museum welcomes new members to Advisory Board, revitalises residency programme and launches a site-responsive series



L to R: Cesar Jung-Harada joins the Museum as an ArtScientist-in-Residence; Artist Kin Leonn creates a site-specific sound installation for the inaugural launch of ArtScience Encounters

SINGAPORE (29 March 2023) – From immersive soundscapes at the heart of the Museum to shaping sustainable sea vessels that set sail in the lily pond, visitors can expect a variety of engaging new experiences at ArtScience Museum throughout the year. These programmes come amid the Museum’s deepening collaborations with local creatives and the appointment of four new members to its International Advisory Board (IAB).

“ArtScience Museum is pleased to announce two exciting new programming initiatives, *ArtScience Encounters* and *ArtScience Residency*. These programmes signify our commitment to presenting innovative new experiences for audiences and providing a platform for scientists and artists to share their work with a broader audience. *ArtScience Encounters* redefines the boundaries of the museum’s architecture by transforming hidden, overlooked spaces into places for art. *ArtScience Residency* serves as a transient home for scientists, creatives, and designers

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whose work embodies the intersection of sustainability, impactful change, and innovative design,” said Honor Harger, Vice President of ArtScience Museum and Attractions at Marina Bay Sands.

“We are also delighted to welcome four distinguished museum professionals from Asia to our International Advisory Board. Their invaluable perspectives and insights will complement the guidance from our long-standing board members,” she added.

Discover intriguing art in curious spaces with *ArtScience Encounters*



Titled Ceaseless Benevolence in the Eye of the Cascade, Kin Leonn’s sound installation created specially for ArtScience Encounters, will be located at the Museum’s Oculus

ArtScience Museum is breathing life into hidden spaces within its unique architecture through a new programming strand – *ArtScience Encounters* – launching on 31 March. A collaboration with artists and creatives, this initiative invites visitors to explore the Museum’s liminal spaces through a series of compelling artworks, intriguing happenings, and sensory experiences conceived by artists based on their interpretation of each site.

These transient spaces are open to all at no charge and will be updated periodically with new installations encompassing a variety of genres and mediums.

As part of *ArtScience Encounters*’ inaugural presentation, artist Kin Leonn has created a 10-channel ambient sound installation in response to the Museum’s Oculus. Titled *Ceaseless Benevolence In The Eye Of The Cascade*, the work reimagines the central waterfall of the Oculus as a spring of life at the heart of the natural world that charts the imprint of time.

Composed of three movements ORIGIN, CASCADE and GLOWING HEART, the piece draws from a palette of field recordings, electronic textures, and organic instrumentation that weaves in and out of atmospheric passivity and narrative activity. Through this 20-minute looping piece, Kin Leonn presents a continuous sonic ritual that is sure to provoke intrigue and awe.

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This installation will reside at the Oculus at Basement 2 from 31 March to 2 July 2023.

For more information on Kin Leonn and *ArtScience Encounters*, refer to Appendix III and visit <https://www.marinabaysands.com/museum/events/artscience-encounters.html> respectively.

Launch of *ArtScience Residency* with Cesar Jung-Harada

ArtScience Museum is also officially opening its doors to local and international creatives, artists, designers, and entrepreneurs looking to create a transient home for exploration, growth, and impactful change. Known as *ArtScience Residency*, this newly launched programme will support creatives across a variety of disciplines through a collaborative platform that not only cultivates their practice, but also engages and enriches the Museum's diverse communities by sharing their innovation and insights.



Cesar Jung-Harada with sketches of his project in front of ArtScience Museum

Headlining this inaugural edition of *ArtScience Residency* is Cesar Jung-Harada – a Singapore-based French-Japanese designer, environmentalist, educator, and entrepreneur who has been researching on and developing renewable energy sources and environmentally sustainable sea transport to address the climate crisis.

As an ArtScientist-in-Residence, his passion and work in ocean technology and impact innovation have found a platform for education and experimentation, which will enable him to engage the public in exchanging ideas and utilising their creativity to achieve a sustainable future.

Over the course of nearly two years, Cesar will curate and lead a robust series of free and paid programmes for visitors, culminating in a special showcase at the Museum in the second half of 2024. He will mainly engage the public in his exploration of four ongoing projects:

- **Ocean Solar Hydrogen** aims to provide clean energy to coastal communities through the use of solar power to produce hydrogen gas from seawater.

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- **Shape Shifting Sailing (Protei)** aims to develop more energy-efficient ocean transport through designs based on those inspired by the natural world.
- **Ocean Train** aims to scale global shipping while staying energy efficient and environmentally responsible by incorporating the principles of freight trains at sea.
- **Indigenous Future Outrigger** aims to integrate local ship-building customs with high-tech sailing technology in order to create sea vessels that merge technological advancement with cultural significance.

Visitors aged 8 and up can discover Cesar's passion, practice, and work at his two drop-in sessions on 22 and 29 April, where they will be able to design, build, and sail their own vessels along the reflecting pools of ArtScience Museum's lily pond.

A series of four hackathon camps will follow in June, where participants can learn hands-on skills and create their own groundbreaking inventions by transforming everyday materials with modular technology, from conceptualisation to fabrication.

For more information on the *ArtScience Residency* with Cesar Jung-Harada, please refer to Appendix II or visit <https://www.marinabaysands.com/museum/events/cesar-harada-residency.html>.

ArtScience Museum welcomes new IAB members

Four key figures who have their fingers on the pulse in the respective fields of art, science, technology, and design have joined the Museum's International Advisory Board (IAB) to offer their vision and expertise. Hailing from Asia, the new board members are:

- **Jahnvi Phalkey**, Founding Director, Science Gallery Bengaluru, India
- **Lee Dae-hyung**, Curator and Founder of Hyundai Artlab, Korea
- **Maria Isabel Garcia**, Founding Director, The Mind Museum, Philippines
- **Sarah Mineko Ichioka**, Urbanist, strategist, curator and writer, Singapore

Together, they will usher in a new era for the IAB along with other distinguished individuals from the United States, the United Kingdom and Australia, who are active in major international museums or related fields such as education, culture, technology, and heritage:

- **David Harvey (Chairman)**, Principal at David Harvey Design LLC, and former Senior Vice President for Exhibitions at American Museum of Natural History, New York, USA
- **Sabrina Smith**, Communications and Engagement Consultant, formerly at Earth Observatory of Singapore and the Exploratorium, San Francisco, USA
- **Seb Chan**, Chief Executive Officer and Director of the Australian Centre for the Moving Image, Melbourne, Australia
- **Sharon Ament**, Director of Museum of London, UK

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"Since its creation, the International Advisory Board has provided perspective and experience to ArtScience Museum leadership, recognising the Museum's pioneering role in this exciting, innovative, and ever-evolving space. Having expanded the Board by bringing on additional museum and cultural thought-leaders from all over Asia, we look forward to paving the way with fresh direction and purpose while retaining the collective memory and guidance of our long-term American, European, and Australian board members," said David Harvey, Chairman of the IAB.

Originally formed in 2011, the IAB was created to enhance and refine ArtScience Museum's diverse initiatives and programs while establishing relationships with potential partners and professionals across relevant fields. It is the Board's responsibility to support the Museum's repertoire of permanent and temporary exhibitions, its pursuit of pushing the boundaries of extended reality and the moving image, as well as its exploration of limitless possibilities for education and outreach – all with the aim of establishing ArtScience Museum as a museum unlike any other.

For more information about the IAB, please refer to Appendix III.

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About Marina Bay Sands Pte Ltd

Marina Bay Sands is Asia's leading business, leisure and entertainment destination. The integrated resort features Singapore's largest hotel with over 2,200 luxurious rooms and suites, crowned by the spectacular Sands SkyPark and iconic infinity pool. Its stunning architecture and compelling programming, including state-of-the-art convention and exhibition facilities, Asia's best luxury shopping mall, world-class dining and entertainment, as well as cutting-edge exhibitions at ArtScience Museum, have transformed the country's skyline and tourism landscape since it opened in 2010.

Marina Bay Sands is dedicated to being a good corporate citizen to serve its people, communities and environment. As one of the largest players in hospitality, it employs more than 10,000 Team Members across the property. It drives social impact through its community engagement programme, Sands Cares, and leads environmental stewardship through its global sustainability programme, Sands ECO360.

For more information, please visit www.marinabaysands.com

About ArtScience Museum

ArtScience Museum is a major cultural institution in Singapore that explores the intersection between art, science, technology and culture. It is the cultural component of Marina Bay Sands. Since its opening in February 2011, ArtScience Museum has staged large-scale exhibitions by some of the world's major artists, including Leonardo da Vinci, M.C. Escher, Salvador Dalí, Andy Warhol and Vincent Van Gogh, as well as exhibitions that explore aspects of science and technology – including particle physics, big data, robotics, palaeontology, marine biology and space science. For more information, please visit www.marinabaysands.com/museum.html

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For hi-res images, please click [here](#). (Credit images as indicated in the captions)

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Appendix I – Artist Bio for ArtScience Encounters

 A portrait of Kin Leonn, a young man with dark hair, wearing a dark blue t-shirt, looking upwards and to the right with his hand behind his head. The background is a textured, light-colored wall.	<p>Kin Leonn</p> <p>Kin Leonn is an artist, composer, pianist, and producer. Affectionately known as the “ambient boy from Singapore”, Kin Leonn’s creative nascence as founding member of electronic act midst in 2015 established him as an exciting, versatile presence within Singapore’s thriving underground music scene. In 2018, he released his debut solo album <i>Commune</i> as the youngest new artist under KITCHEN. LABEL, following up with two releases, <i>Endless</i> and <i>Faraway Vicinity</i>, in 2020. He has played sold-out concerts at The Projector and Esplanade – Theatres on the Bay in Singapore and performed at Servant Jazz Quarters and Cafe Oto in London. In 2020, he was invited to design a 6-channel ambient experience for architect Sean Gwee’s <i>A Love Letter to the Lighthouse in the Expanded Field</i> in collaboration with London’s Architectural Association.</p>
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Appendix II – ArtScience Residency with Cesar Jung-Harada

Biography

A photograph of Cesar Jung-Harada, a man with a beard and short dark hair, wearing a light blue t-shirt and dark jeans. He is leaning over a wooden table in a workshop or studio, looking towards the camera. On the table are various items including a water bottle, papers, and tools. In the background, there are shelves with materials and other people working.	<p>Cesar Jung-Harada</p> <p>Cesar is a Singapore based French-Japanese designer, environmentalist, educator and entrepreneur. With ongoing research and development on renewable energy sources and environmentally sustainable sea transport, he regularly delivers workshops for organisations such as the World Wildlife Fund and National Geographic and has delivered keynotes at international conferences organised by the United Nations, Harvard University, and TED.</p> <p>He is also currently Associate Professor of Design at the Singapore Institute of Technology and a candidate Ph.D. in Design and Ocean Innovation at the National Conservatory of Arts and Crafts (Conservatoire national des arts et métiers) (France). Additionally, he is the Founder of MakerBay Group (Hong Kong Makerspace) and Scoutbots (Ocean Robotic Startup) and serves as a Trustee of the board of Hamad Bin Khalifa University (Qatar) and the Wyng Foundation (Hong Kong).</p>
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For more information about Cesar’s practice, please visit <https://www.marinabaysands.com/museum/events/cesar-harada-practice.html>

Drop-In Sessions

These complimentary sessions will be held twice a day, on a first-come-first-served basis. They are open to individuals aged 8 and up. For more information, please visit <https://www.marinabaysands.com/museum/events/hackathon-holiday-cesar-harada.html>

Date/Time	Venue	Programme Description
22 April, 2pm – 6pm	Lily Pond & Level 1 Rain Oculus	Indigenous Future Outrigger and Ocean Solar Hydrogen Build a prototype of Cesar’s floating hydrogen plant – which he hopes will power coastal cities – and build

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		boats of the future combining local ship-building customs with high-tech sailing techniques.
29 April, 2pm – 6pm	Lily Pond & Level 1 Rain Oculus	Ocean Train and Shape Shifting Sailing Craft sea vessels inspired by nature that push design limits and imagine a safer and more efficient future for maritime transport, explored through his projects.

June Hackathon Camps

Each 3-day hackathon holiday camp costs \$400. Limited early bird tickets will be available at \$350. They are open to individuals aged 8 and up. For more information, please visit <https://www.marinabaysands.com/museum/events/hackathon-holiday-cesar-harada.html>

Date/Time	Venue	Programme Description
27 – 29 May, 10.30am to 5pm	Rainbow Room & B2 Rain Oculus	Learn about state-of-the-art sailing technology! The <i>Indigenous Future Outrigger</i> project reimagines our relationship and cultural connections to the waters around us by integrating local ship-building customs with high-tech environmentally sustainable sailing technology.
2 – 4 June, 10.30am to 5pm	Rainbow Room & B2 Rain Oculus	Discover how hydrogen could be the fuel of the future in coastal cities like Singapore! The <i>Ocean Solar Hydrogen</i> project looks at our oceans as untapped sources of sustainable energy by using solar power to electrolyze hydrogen gas from seawater.
16 – 18 June, 10.30am to 5pm	Rainbow Room & B2 Rain Oculus	Design your own shape-shifting boat inspired by a design millions of years in the making – swimming fish! Find out first-hand how biomimetic technology, inspired by the natural world, can be used to make seafaring safer and more energy efficient.
23 – 25 June, 10.30am to 5pm	Rainbow Room & B2 Rain Oculus	Drawing inspiration from freight trains, learn how robotics, team coordination, and a little bit of creative thinking can revolutionise the maritime shipping industry.

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Appendix III – New members of the International Advisory Board



Jahnvi Phalkey

Founding Director, Science Gallery Bengaluru, India

Jahnvi Phalkey is a historian of science and technology. She is presently the Founding Director, Science Gallery Bengaluru which is part of an international network of eight galleries and the only autonomous institution among them. The 140,000 sq. ft. gallery is among the most ambitious public engagement projects in India and seeks to 'bring science back into culture'.

Prior to founding Asia's first Science Gallery, Phalkey was an external curator at the Science Museum London, and has been a Scholar-in-Residence at the Deutsches Museum, Munich. She was tenured faculty at Kings College London before taking on her current role and has also been a Fellow at the Wissenschaftskolleg zu Berlin. She is the author of *Atomic State: Big Science in Twentieth Century India* and co-edited *Science of Giants: China and India in the Twentieth Century*. She is the editor in chief the *British Journal for the History of Science – Themes* (Cambridge University Press) and *South Asian Studies* (Taylor and Francis). She is also director and producer of the documentary film, *Cyclotron* (2017).



Daehyung Lee

Curator and Founder of Hzone

Daehyung Lee is a visionary Korean curator who has forged critical connections between the art world and other fields. As the founder of Hzone, a curating company connecting art, technology and the future, he curated the groundbreaking 'CONNECT, BTS' project in 2020, featuring 22 contemporary artists, 7 curators, and 5 institutions from London, Berlin, Buenos Aires, New York and Seoul. Lee's curatorial approach prioritizes the social role of art, with recent projects focusing on ecological concerns and technology.

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As the artistic director of transforming Incheon Airport into Artport, he integrates art and technology, while his global commissioning projects for Shinan County showcase his vision for a more sustainable future. Lee's leadership of the Korea Research Fellow 10X10 program from 2019 to 2021 connected local and global curators in an innovative global research network. Lee also curated the Korean Pavilion at the Venice Biennale in 2017 and Future Humanity at the Motorstudio Beijing in 2018. As the founding art director of Hyundai Motor Company from 2013 to 2019, he collaborated with Tate, LACMA, MMCA, Bloomberg and Ars Electronica. Additionally, Lee is a board member of the Nam June Paik Cultural Foundation and Art Center Nabi in Korea.



Maria Isabel Garcia, Philippines
Managing Director/Curator of the Bonifacio Art Foundation, Inc, Philippines

MARIA ISABEL “Maribel” GARCIA is the Managing Director/Curator of the Bonifacio Art Foundation, Inc., an art and science foundation that conceived, created and operates a science museum, The Mind Museum and the BGC Arts Center, a performing arts center and also runs the public art program of BGC. She conceptualized The Mind Museum and has been its curator since its planning started in 2007.

- Her concurrent work engagements include being:
- Chairperson, World Wildlife Fund – Philippines;
 - Executive Director, Asia Pacific Network of Science and Technology Centers (ASPAC);
 - Board member, International Advisory Board, ArtScience Museum Singapore
 - Fellow, Science Centre Singapore
 - Vice President, El Refugio Academy of Arts and Sciences (Pinto Art Museum);
 - Board Director, Alliance Francaise de Manille; and
 - Science Columnist, Rappler.com, “Science Solitaire” (since 2012)

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	<p>She has authored 3 books:</p> <ol style="list-style-type: none">1. Ecologia Filipina, The Almanac of the Philippine Environment, Environmental Center of the Philippines (1997)2. Science Solitaire, Essays on Science, Nature and Becoming Human (National Book Award, 2006) published by the Ateneo De Manila University Press.3. Twenty-One Grams of Spirit and Seven Ounces of Desire (National “Gintong Aklat” or “Golden Book” Award, 2010) published by the Ateneo De Manila University Press.
 A portrait photograph of Sarah Mineko Ichioka, a woman with dark hair, wearing a white turtleneck and a dark jacket.	<p>Sarah Mineko Ichioka Urbanist, strategist, curator and writer, Singapore</p> <p>Sarah Mineko Ichioka is an urbanist, strategist, curator and writer. She leads Desire Lines, a strategic consultancy for environmental, cultural, and social-impact initiatives and organisations. She co-authored her latest book, <i>Flourish: Design Paradigms for Our Planetary Emergency</i>, which proposes a bold set of regenerative design principles for addressing compound environmental and social crises. Ichioka has been recognised as a World Cities Summit Young Leader, one of the Global Public Interest Design 100, a British Council / Clore Duffield Cultural Leadership International Fellow, and an Honorary Fellow of the Royal Institute of British Architects.</p>