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Preliminary Programme & Call for Registration



**"The Mission for Salutogenic Healthy Cities –
Fostering Healthy Environments for Healthy
People"**

UNIFOR Complex, Kuching, Sarawak, Malaysia
28 Sept – 02 Oct, 2026

Design & Health

15TH WORLD CONGRESS & EXHIBITION



**Deadline
for
Early Bird
1st August
2026**

Organised by:

**Design
& Health**
International Academy for Design and Health

UNIMAS
UNIVERSITI MALAYSIA SARAWAK

Supported by :



Ministry of Public Health, Housing & Local
Government Sarawak



Partners :





Design & Health

15th World Congress, Kuching, Sarawak, Malaysia
28 Sept – 2 Oct, 2026

Timetable

1 Oct 2025

First Announcement and Call for Abstracts

15 July 2026

Deadline for International Academy Awards

1 August 2026

Deadline for Early Bird Registration

Congress dates and schedule

The WCDH Borneo 2026 is a five-day event, held from 29 Sept – 02 Oct 2026, Unifor Complex, Kuching Sarawak

Monday, 28 Sept 2026

Registration from 13.00 – 18.00

Pre-congress symposium from 15.00 – 17.00

Welcome reception from 18.00 – 21.00

Tuesday, 29 Sept 2026 Congress & Exhibition

Late registration from 08.00– 08.30

Opening Ceremony from 09:00 – 10:00

Congress and exhibition from 10.30–17.00

Wednesday, 30 Sept 2026 Congress & Exhibition

Congress and exhibition from 08.30 – 17.00

Advisory board meeting of the International Academy for Design & Health from 19.30

Thursday, 1 Oct 2026 Congress, Exhibition & Academy Awards Gala Dinner

Congress and exhibition from 08.30–17.00

Academy Awards Gala Dinner from 19.30

Friday, 2 Oct 2026 Study Tours

Site tours and visits to local landmarks and health facilities



ACADEMY AWARDS



STUDY TOUR



EXHIBITION



GALA DINNER



CONGRESS



WORKSHOP



SHOWCASE

The Mission for Salutogenic Healthy Cities – Fostering Healthy Environments for Healthy People

The scientific program of the 15th Design and Health World Congress & Exhibition in Kuching, Sarawak, will focus on salutogenic approaches for promoting health and climate resilience.

Dear Esteemed Colleagues and Friends,

It is with great pleasure that we invite you to the 15th World Congress on Design & Health (WCDH 2026), held in collaboration with the Universiti Malaysia Sarawak (UNIMAS), the Ministry of Public Health, Housing and Local Government Sarawak, the Malaysian Institute of Architects (PAM), and other distinguished global academic and healthcare institutions.

Taking place from 28 September to 2 October 2026 at the newly built Unifor Complex in Kuching, this prestigious event will explore the transformative power of salutogenic architecture in shaping healthier built environments.

Congress Theme

“The Mission for Salutogenic Healthy Cities – Fostering Healthy Environments for Healthy People”

WCDH 2026 will emphasize the role of design in health and well-being, shifting from a disease-centric healthcare model toward a preventive, salutogenic approach that actively promotes wellness.

With over 90% of our lives spent indoors, architecture profoundly influences mental well-being, cognitive function, and overall health. Salutogenic design—integrating architecture, psychology, neuro- and health sciences—provides an innovative framework to create spaces that enhance quality of life, stimulate positive mood, and foster social well-being.

As we navigate an ecologically sensitive era, urban planning must prioritize meaningful, manageable, and interconnected spaces that maximize human potential. The WCDH 2026 will present a rationalized design philosophy emphasizing community, environmental sustainability, and holistic health benefits.

Key Themes & Sessions

The congress will explore thematic sessions focusing on how design impacts health and well-being, including:

- Building Health: Shaping Cities for People and Wellbeing
- Innovating Healthy Cities: Design, Performance, and Impact
- Design Leadership in Healthcare: Hospital Project Case Studies
- Global Health, Environment, and Culture in Ageing Communities
- Ecological and Green Design as Determinants of Health and Well-being

These sessions, led by global experts and policymakers, will redefine health-promoting built environment for a better future.

Distinguished Speakers & Participants

We are pleased to announce that the Minister of Public Health, Housing and Local Government Sarawak of Malaysia will deliver the official welcome address on Tuesday, 29 September 2026.

A distinguished lineup of keynote speakers, researchers, architects, health planners, engineers, public health scientists, physicians, and policymakers will present groundbreaking research and practical applications.

The congress will culminate in a high-profile ministerial panel discussion, where leading scientists and health ministers will collaboratively shape the future of global health policy. This session will explore health policy development from a global perspective, comparing approaches across diverse cultural and socio-economic contexts. By bringing together ministers from varied backgrounds, we aim to foster meaningful dialogue and exchange valuable insights on health policy strategies.

Join Us in Kuching

Kuching, the vibrant capital of Sarawak on the island of Borneo, warmly welcomes you, where design and health converge to create a more sustainable and health-focused future.

Sincerely,



Prof. Alan Dilani, PhD
Founder, International Academy for Design & Health,
Stockholm- Sweden



Prof. Ray Pentecost, DrPH
President, International Academy for Design and Health
Texas A&M University, USA



Dr Rosalia Saimon, PhD
Chair, 15th Design and Health World Congress & Exhibition
Kuching, Sarawak, Malaysia

Invited Keynote Speakers



Prof. Datu Dr Andrew Kiyu
(Malaysia)



Prof. Dr Bettina Borisch
(Switzerland)



Prof. Emerita Dr Kaiko
Nakamura
(Japan)



Prof. Alan Dilani
(Sweden)



Dato' Dr Ken Yeang
(Malaysia)



Mr Liak Teng Lit
(Singapore)



Prof. Dr Hiroshi Fukuda
(Japan)



Prof. Dr Ray Pentecost
(USA)



Mr Frankie Lim Lip Chuan
(Singapore)

Programme

28th Sept 2026 (Monday)

- 13:00–18:00** **Registration**
- 15:00– 17:00** **Pre Congress Symposium** Multidisciplinary Professional Education for Sustainable Healthy City
Prof. Dr Ray Pentecost,
President of Academy
TBC – Malaysian Institute of Architect (PAM)
- 18:00–21:00** **Welcome reception (Venue: UNIFOR Complex)**

29th Sept 2026 (Tuesday)

- 08:00 – 8.45** **Late Registration**
- 09:00 – 10:30** **Opening Ceremony and Introduction of Congress**

Welcome Speech by Prof Dr Ahmad Hata Rasit, UNIMAS Vice Chancellor

Prof. Alan Dilani (Sweden)
Introduction of 15th World Congress on Design and Health

Prof. Ray Pentecost (USA)
President of International Academy for Design and Health

Opening Remarks by Deputy Premier of Sarawak and Minister for Public Health, Housing and Local Government, Sarawak
- 10:30 – 11:00** Exhibition / Tea Break
- 11:00 – 12.30**
-
- Session 2: Building Health: Shaping Cities for People and Wellbeing**
Chair: **Prof. Dato Dr Haji Abd Rahim Bin Mohamad (Malaysia)**
- Keynote :** **Prof. Andrew Kiyu** (Malaysia) Healthy Cities Programme, Inclusivity and Culture
Moonisah Usman (UK) Vitamin D Status as Potential Indicator of Healthy City Case-study London
Denis Twinomugisha/ Rozia Adenan (Brunei) Architectural Strategies for Climate Adaptive Housing
Yang Wenjing (China) Microclimate Exposure and Public Space use in Smart Cities
Yuhua Zhang/ Zhengming Si (China) Climate Anxiety in Urban Context
- 12:30 – 14:00** Lunch, Exhibition, Technical Showcases and Posters
- 14:00 – 16:00**
-
- Session 3 : Innovating Healthy Cities: Design, Performance, and Impact**
Chair : **Arch. David WL Teoh (Malaysia)**
- Keynote :** **Prof. Keiko Nakamura** (Japan) Healthy Cities Innovation and Indicators
Yilei Li/ Teng Fei (China) Assessing Low-Carbon Performance of Urban Blocks
Asyilah M. Western/ Rosalia Saimon (Malaysia) Transport Relates Physical Activities to Prevent Obesity
Zhe Wang/ Shaoyao He/ Xu Zhou (China) Promote Ecological and Salutogenic Urban Design
Aliyah Kamarul/ Zulkefle Ismail (Brunei) Investigating a Climate- Responsive Facade System
Ahmad D. Azme/ Alireza Soomro (Brunei) Building that Breathes, Hybrid Ventilation Strategy
- 16:00 – 16:30** Exhibition / Tea Break

16:30 – 18:00



Session 4: Design Leadership in Healthcare: Hospital Project Case Studies
Chair : **Arch. Angel Neo, CPG, (Singapore)**

Keynote: Liak Teng Lit (Singapore) The Salutogenic Leadership of Creating Good Design
Lim Lip Chuan (Singapore) Creative and Innovative Health Oriented Development in Singapore
Arif H. Kamarulzaman (Malaysia) Restorative Cancer Care Environment
Ghaydaa Hemawidah/ Alan Lewis (Saudi Arabia/ UK) Hospital Architecture in Saudi Arabia, Vision
Lee Kun Yun et al. (Malaysia) The Hospital Ecosystem: Designing Salutogenic Workplaces to Mitigate Nurse Burnout in the Modern City

30th Sept 2026 (Wednesday)

08:00 – 9:00

Late Registration

9:00 – 10:30



Session 5: Global Health, Environment, and Culture in Ageing Communities
Chair **Prof. Dr Anselm Su Ting (Malaysia)**

Keynote : Prof. Bettina Borisch (Switzerland) Health Without Borders- Global Health
David Kaunitz (Australia) Salutogenic Design, Indigenous Aged Care, Culturally Safe Environment
Aliyah Kamarul A.A. (Brunei) Salutogenic Infrastructure for Ageing Communities in Brunei
Sherly de Yong/Murni Rachmawati/ Hua Dong (Indonesia) Mapping the One Health
Sopian Bujang, Nur Indah Ahmad, Arata Hidano (Malaysia) Housing Environments, pet ownership & healthy ageing

10:30 – 11:00

Exhibition / Tea Break

11:00 – 12:30



Session 6 : Ecological and Green Design as Determinants of Health and Well-being
Chair **Arch. Sarly Adre Sarkum (Malaysia)**

Keynote : Dr. Ken Yeang (Malaysia) Ecological Architecture and Salutogenic Outcome
Qing Liu/Lihua Xing/ Ruibo Su (China) Eye-tracking Evidence and Qualitative Guidelines for Urban Design
Alvia A. Tinaan/Michael Ramirez/ Mykee Ababon (Philippines) Urban Lighting Condition at Night
You-Jyun Chu/Chia-Hui Wang (Taiwan) Towards Salutogenic Urbanism: Green Space Exposure
Jingyi Liu /Jianfei Chen (China) Optimization of Shading, Ventilation and Energy Saving for Low-Carbon high-speed railway stations

12:30 – 14:00

Lunch, Trade Show, Technical Showcases and Posters

14:00 – 16:00



Session 7: Designing Healthy Workplace Environments
Chair **Prof. Stefano Capolongo (Italy)**

Keynote : Prof. Hiroshi Fukuda (Japan) Towards Proactive Health Promotion Workplace Design
Natalia Ottonello/Merle Zadeh (Uruguay/Germany) Salutogenic Workplace Design: Reduced Stress
Hiroyuki Hibino/ Hiroshi Fukuda (Japan) Expanding Toward Salutogenic Workplace Development
Sahand Abbasi (USA) Salutogenic Health Promoting Design Education
Ellie Nahirafee /Debajyoti Pati (USA) Fall Risk Prevention among Women during Pregnancy

16:00 – 16:30

Exhibition / Tea Break

16:30 – 18:00



Session 8: Designing for Mental Wellness: Creative Approaches to Emotional Health
Chair: **Prof. Hessam Ghamari (USA)**

Natalia Ottonello/Sabrina Lorusso (Uruguay Italy) The Impact of Facade Design on Emotional Experience

Abdul Malik, Ayu Amiza/Rosalina Saimon/ Jeffery Stephen (Malaysia) The Salutogenic Design Influence Mental Well-being

Alma Lorelei Abejero/ Michael Jason Mozo (Philippines) Green Building Research for Healthy Indoor
Zhou Qianqian/ Mei Hongyuan (China) Inclusive Design in High-Constraint, high risk Environment

20.00 – 22:00

Advisory board dinner meeting of the International Academy for Design & Health Place TBC, only by invitation.

1st Oct 2026 (Thursday)

08:00 – 9:00

Late Registration

9:00 – 10:30



Session 9: Building Care Around the Child: A Design Framework
Chair **Dr Chen Yoke Yong (Malaysia)**

Benchun Fu / Xueying Bai/ Yuanhong Ma (China) Designing Healing Environment for Children

Eileen Chua (Malaysia) Design Rooted in Dignity: Early Childhood Impact

Wojciech Drag (Poland) Meaningful Interior Design for Children's Hospital

Paniz Mousavi Samimi / Brian R. Sinclair (Canada) Toward a Child-centered Restorative Framework

10:30 – 11:00

Exhibition / Tea Break

11:00 – 12:30



Session 10: Hospital Without Borders: Transforming Rural Health Through Connection
Chair : **Dr Winnie anak Johny (Malaysia)**

Melvin Chung Hsien Liang/ Teo Jia Chi (Malaysia) Transforming Rural Healthcare Paradigms

Madihah M. Idris, Magda Sibley/ Karim Hadjiri (Malaysia/ UK) Salutogenic Courtyard Design for Hospital

Chang Ho Moon (Korea) Smart Healing Environment through Ward Remodeling Case Study in Korea

Sarah Pickette (Australia) Hospital Transformation: Rural Reach, Indigenous Knowledge Embedded

Maroussia De Gheldere (Belgium) Designing Neuro-Secure Medical Environments

12:30 – 14:00

Lunch, Trade Show, Technical Showcases and Posters

14:00 – 16:00



Session 11: Healthy Policy Design: A Ministerial Panel Discussion
Chair **Alan Dilani (Sweden)**

Health Minister of Malaysia – TBC

Dr. Sim Kui Hian, Deputy Premier of Sarawak and the Minister for Public Health, Housing and Local Government Sarawak – TBC

Dr Aaron Motsoaledi, Minister of Health, South Africa

Dr. Aki Linden, Former Minister of Health, Finland

20:00 – 22:30

International Academy Awards Gala Dinner – Venue to be confirmed

2nd Oct 2026 (Friday)

9:00 – 13:00

Architectural Study Tour

Experience exclusive site tours and visits to Kuching's renowned landmarks as Healthy City; The final list of tour sites will be confirmed in the final program.



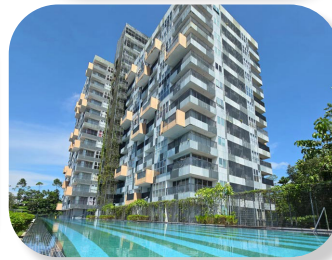
Sites for Architectural Visits

Kuching (15 – 20 mins drive)

1. DUN Sarawak, Darul Hana Bridge, Penambang, Floating Mosque
2. Sarawak Cultural Village
3. MBKS Palmarium Park – Autism playground & Air Quality Sensor
4. Borneo Culture Museum
5. Senior Citizen Activity Centre (PAWE), Satok
6. Eco Lodge School (Max: 20 visitors)

Samarahan (60 mins drive from the City)

1. Universiti Malaysia Sarawak Campus
2. Heart Centre SGH
3. Eden on the Park (Elderly Residence)

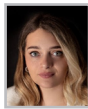


Design & Health Congress 2026 Faculties



Natalia Ottonello

Natalia Ottonello is an architect and researcher holding a Master's degree in Neuroscience Applied to Architecture from IUAV University of Venice. Bridging professional practice and academic research, she is co-founder and director of Guevara Ottonello Architects, with internationally award-winning projects worldwide. Her research focuses on NeuroArchitecture and Salutogenic Design, combining first person experiential data with physiological measurement to examine how architectural environments influence stress regulation, emotional experience and well-being. She lectures at the NAAD Master's Programme at IUAV University of Venice and at the Catholic University of Uruguay.



Sabrina Lorusso

Sabrina Lorusso is an architect specialized in Neuroscience Applied to Architectural Design and founder of EUTOPIA – Human Spaces. Her work is driven by the belief that spaces shape emotions, behavior, wellbeing, and human performance. Through a human-centred approach, she integrates neuroarchitecture, environmental psychology, and biophilic design to create environments that support focus, balance, connection, and quality of life. Working with private clients, professionals, and organizations, she transforms residential and workplace environments into spaces that enhance everyday experiences. Through EUTOPIA, she promotes a more conscious architecture that places human wellbeing at the center of design.



Merle Zadeh

Merle Zadeh is an architect from Berlin, Germany, with an additional Master's degree in Neuroscience Applied to Architectural Design from IUAV University of Venice, Italy. With her firm, studio zadeh, she designs spaces that support human well-being and health. Her research focuses on how architectural design influences stress and mitigates neurodegenerative risk factors, building on work originally developed for dementia care facilities at IUAV. Her projects have been presented at the 15th and 19th Architecture Biennales in Venice, the Hamburg Architecture Summer and in the German Architecture Museum.



Aliyah binti Hj Kamarul Amir Ariffin

Aliyah Kamarul is a graduating architecture student from Universiti Teknologi Brunei and founder of 8-BIT STUDIO and PULP+, platforms for curation, transdisciplinary research, pedagogy, and community engagement. Her practice is fractal and multi-faceted, attentive to overlooked nuances shaping places. Her research transpires between preservation, adaptive reuse, and planetary wellbeing, exploring how architecture mediates relationships between people, memory, culture, and environment. Her advocacy centres on intangible narratives, socio-cultural awareness, and lived experience with works that uncover relational structures through which places are produced, interpreted, and re-written, with writing as her primary attunement alongside observation, spatial inquiry and, ongoing reflective and explorative writing.



Danial Azme

Danial Azme is a graduating architecture student from Brunei who believes that architecture should quietly uplift its surroundings and the lives of those who inhabit them. His work is guided by the idea that the most successful architecture is often forgotten – not because it lacks significance, but because it becomes a natural and meaningful part of everyday life. Through thoughtful, innovative, and context-sensitive design, he seeks to create places that respond to people, environment, and purpose while contributing to a better future. He has represented Brunei internationally through the ARCASIA Student Jamboree in South Korea, Kita Kongsi 2.0, an online international architecture design showcase based in Malaysia, and the Chongqing Silk Road Immersive Pavilion project in China. Beyond academia, he co-founded 8-BIT STUDIO, a student-led initiative that promotes architectural discourse, community engagement, interdisciplinary collaboration, and the continuous elevation of standards within the design community.



Eileen Chua

Eileen Chua is the Founder of the Eco Lodge family of educational initiatives in Kuching, Sarawak, comprising Tadika Eco Lodge, Eco Lodge Learning Centre, and Eco Lodge Care Centre. With over 15 years in education and a background as a chartered accountant, she is passionate about creating meaningful, real-world learning experiences for children. Her work focuses on project-based learning, multilingual development, and nurturing empathy, critical thinking, and responsible citizenship through authentic engagement with the world around them.



Li Yilei

Li Yilei is a Ph.D. candidate in Architecture at Harbin Institute of Technology, China. Her research interests include urban microclimate, climate-responsive urban design, building energy efficiency, and low-carbon community development. Her recent studies focus on assessing the impacts of future climate change on thermal environments, energy use, and carbon performance of residential neighborhoods in cold regions. Her work aims to support climate-adaptive and low-carbon urban development through simulation-based.



Anatoli Vakhguelt

Professor Anatoli Vakhguelt is a distinguished mechanical engineer and academic with over four decades of international experience. He earned his PhD from the Academy of Science of USSR in 1985 and holds a Bachelor of Mechanical Engineering from Tomsk State University (1973), where he began his career as a junior research fellow and later became a professor. He has held academic positions at RMIT University and Ballarat University in Australia, Curtin University Malaysia, Swinburne University's Sarawak Campus, and Nazarbayev University in Kazakhstan, where he served as Head of Mechanical Engineering and Dean. He was Dean of Mechanical Engineering at East Kazakhstan Technical University (2022–2024) and currently is a professor at Tomsk Polytechnic University. A Chartered Engineer (CEng), Fellow of IMechE and FIEAust, he has authored over 120 papers, supervised more than 50 PhD and Master students, and led several major research grants.



David Kaunitz

David Kaunitz as a Director of Kaunitz Yeung Architecture is focused on facilitating high quality architecture in some of the most disadvantaged communities in Australia and Asia – Pacific. Underlying this is a deep commitment to participatory design and local construction. They have a significant body of award-winning architecture and have worked in more than 40 Aboriginal & Torres Strait Island communities, 200 Pacific Island communities as well as in Asia. This includes prestigious awards such as the Union of International Architects, Vassilis Sgoutas Prize the world's highest architectural honor for working with the underprivileged.



Sahand Abbasi

Sahand Abbasi, Ph.D., NCIDQ, LEED GA is an Assistant Professor of Interior Design at Kean University's, NY, USA, Michael Graves College and an accomplished designer, educator, and researcher. His work is grounded in human-centered design and focuses on the relationship between the built environment and human health, behavior, and experience. Dr. Abbasi's teaching emphasizes a studio-based, research-informed approach that integrates design thinking, critical inquiry, and emerging tools and methodologies. He is particularly interested in how these approaches support creativity, analysis, and informed decision-making in the design process.



Alvia Anne Tinaan

Ar. Alvia Anne Tinaan is a registered and licensed architect in the Philippines, currently serving as Head Office Architect at Mega A Builders, Inc. She earned her Bachelor of Science in Architecture from the University of Santo Tomas, graduating cum laude, and is pursuing her Master of Architecture at the University of the Philippines Diliman under the Building Science research theme. Her work spans architectural documentation, project coordination, design development, and research-driven environmental design. She has contributed to studies on lighting, pedestrian safety, and behavioral engagement in public spaces, reflecting her commitment to architecture that improves comfort, safety, and human experience.



Gene Michael Ramirez

Ar. Gene Michael Ramirez is a licensed and registered architect, a graduate of Mapúa University in Manila, Philippines. He currently serves as the Director for the Committee on Corporate Social Responsibility of the United Architects of the Philippines – Fort Bonifacio Chapter. He is presently connected with the Department of Transportation–Railways Sector, where he contributes to transportation infrastructure and public sector development initiatives. He is currently pursuing a Master of Architecture degree at University of the Philippines–Diliman. His research endeavors include cultural heritage conservation, transit-oriented pedestrian experience, and the role of architecture in strengthening community identity and sustainable development.



Asyilah binti Mohammad West

Dr. Asyilah binti Mohammad West is a Doctor of Public Health candidate at Universiti Malaysia Sarawak (UNIMAS). She earned her Master of Public Health in 2024. She is passionate about sustainable urban health, her current DrPH research focuses on active transportation among college students in Sarawak.

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International Academy of Design and Health

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Prof. Ray Pentecost, PhD
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Moonisah Usman

Dr Moonisah Usman is Senior Lecturer in Critical Urban Health at the University of Westminster, London. Her research spans across genomic instability, obesity, and urban health. Moonisah is Principal Investigator of the Westminster Genome Health Hub – a transdisciplinary initiative integrating biomedical, architectural, and social approaches to address health inequalities in urban communities. Alongside her research, she is a committed educator and advocate for socially just, anti-racist and critical transdisciplinary pedagogy in higher education, with extensive leadership and publications in student-staff partnership and curriculum transformation.



Changho Moon

Changho Moon, born in 1955, is an architect (CEO, Balance Architecture Studio) and a professor emeritus of Kunsan National University, Korea since September 2021. He received the degrees of B.S., M.S. and Ph.D. at Seoul National University. His doctoral thesis was entitled 'A Study on the Architectural Programming of General Hospital in Korea'. As a visiting scholar, he has researched in the Royal Institute of Technology (Stockholm), Katholieke Universiteit Leuven, University of Tokyo, South Bank University (London), University of Wisconsin-Milwaukee, UNSW(Sydney), QUT(Brisbane) and Clemson University. He has been working in the design & planning field of healthcare and elderly facility for more than 40 years.



Maroussia de Gheldere

Maroussia de Gheldere is a Belgian Healthcare Interior Architect certified in Neuro-Architecture by Stanford University. Convinced that spatial design is an active form of care, she creates neuro-secure medical ecosystems that "heal patients and protect practitioners." Her recent work includes the complete spatial audit and redesign of the Neonatal Intensive Care Unit (NICU) at Saint-Luc University Hospital in Brussels. Maroussia believes that clinic walls must gracefully "envelop" life-altering moments—supporting patients through the storm while shielding caregivers from profound emotional loads. By bridging clinical realities with trauma-informed design, she transforms healthcare environments into true havens of healing.



Alma Lorelei de Jesus Abejero

Dr. Alma Lorelei de Jesus Abejero is a registered Chemist with considerable experience in the analytical and microbiological laboratory and trained in environmental quality testing. She obtained her Bachelor's and Master's degrees from the University of the Philippines Los Banos in the fields of Chemistry and Environmental Science, respectively, then a PhD in aerosol science from the Queensland University of Technology, Australia. She has been with the School of Environmental Science and Management (SESAM) since 2012 as a University Researcher and her research expertise is on ecological profiling and impact assessment mainly for soil, water and air quality.



Ghaydaa Hemaidah

Dr. Ghaydaa Hemaidah, PhD, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia. Dr. Hemaidah holds a PhD in Architecture from the University of Manchester and is an Assistant Professor in the Interior Design Department at Imam Abdulrahman Bin Faisal University (IAU), Saudi Arabia, where she also leads the Scientific Research Unit. Her research focuses on design for wellbeing in healthcare environments, evidence-based design, and post-occupancy evaluations. In 2024, she received the International Award for Best Research from the Academy of Design and Health. Her expertise centres on advancing research-driven design and integrating health and wellbeing principles into the built environment."



Ryan Browne

Ryan Browne is a Senior Associate at Architectus with extensive experience in complex health, civic and cultural projects across Australia. He is passionate about creating healthier, happier places for communities and brings a collaborative, people-focused approach to every design task. Ryan's portfolio includes work on the recently opened Peninsula University Hospital (Victoria), Melton Hospital (Victoria), Toowoomba Hospital Master Plan and Redevelopment (Queensland) and Lismore Base Hospital Redevelopment Stage 3B + 3C (NSW). Ryan prides himself on building strong, enduring relationships with clients, consultant teams and end users.



Lucy Croft

Lucy is an accomplished interior designer with more than 15 years' experience delivering complex public sector projects across healthcare, education and civic environments. She first joined Bates Smart in 2009, before expanding her experience interstate and in the UK, returning to the practice in 2022. Lucy specialises in project initiation, design development and delivery, leading large multidisciplinary teams from concept through to construction and completion. She is committed to delivering projects that create lasting value, and has a particular passion for seeing spaces brought to life and enjoyed by end users and the broader community.



Frankie Lim Lip Chuan

Frankie Lim Lip Chuan is a Senior Vice President (Architecture) at CPG Consultants, Singapore. Frankie spearheads transformative architectural endeavors, transcending borders to shape health and institutional facilities across Asia, including China, Vietnam, Malaysia, India, Pakistan, Afghanistan, and Singapore. Noteworthy projects include Khoo Teck Puat Hospital, Ng Teng Fong General Hospital, Jurong Community Hospital, Sime Darby Healthcare's ParkCity Medical Centre in Kuala Lumpur, and Academia (Singapore General Hospital). A believer in salutogenic design, he has also built a portfolio of health and wellness developments with environmental concerns. Driven by a passion for architectural excellence and a vision for a sustainable future, Frankie continues to push boundaries, leaving an indelible imprint on the architectural landscape.



Bettina Borisch

Prof. Bettina Borisch established the Geneva headquarters in 2005 at the Geneva University. She has served as the CEO of the WFPHA since then. Prof Borisch is an MD, a historian, and a professor of Public Health. She is a professor emerita at the Institute of Global Health at the University of Geneva. She has post-graduate training and academic career as a Histopathologist, holds an MPH, and is a Fellow of the Royal College of Pathology. She has directed the headquarters since its relocation to Geneva and represents WFPHA in the broadest sense. She is the co-editor of the Journal of Public Health Policy Federation's Pages.



Liak Teng Lit

Mr Liak Teng Lit is a prominent healthcare leader with over 35 years of experience in the healthcare industry. He is recognized for his transformative impact on Singapore's healthcare system. As the former Group CEO of Alexandra Health System and Khoo Teck Puat Hospital, he pioneered patient-centred care models and played a significant role in establishing Khoo Teck Puat Hospital.



Ken Yeang

Dato' Dr. Ken Yeang, Ph.D. is an architect, planner and ecologist who is best known for his signature green architecture by his authentic ecology-based approach. He is the world's leading green skyscraper architect, especially in the tropics. High-rises are traditionally the most unecological of all buildings, often wasting up to 30% more energy than lower structures built with the same materials. Yeang uses walls of plants: photovoltaics, scallop-shaped sunshades, advanced ventilation, and whatever he can to collect water and breezes. He received his doctorate from Cambridge University (UK) on ecological design and planning. His key buildings include Solaris (Singapore), Menara Mesiniaga (Malaysia), Spire Edge Tower (India), Genome Research Building (Hong Kong), and Great Ormond Street Children's Hospital Extension (UK). He is the Principal of T. R. Hamzah & Yeang, with offices in Malaysia, UK and China. He receives many international awards. The UK Guardian newspaper named him as one of 50 individuals who could save the planet, and he was named by CNN as the leading architect in ecological design.



Ray Pentecost

Ray Pentecost is one of the nation's foremost advocates and practitioners of healthcare facility evidence-based design. His areas of interest include population health, research in architectural practice and health planning policy. He is director of the Center for Health Systems & Design at Texas A&M, which is home to the world's largest group of interdisciplinary faculty, students and allied professionals committed to healthcare facility environment research and education. The Design magazine named Pentecost to its 2012 list of the most influential people in the field. Pentecost was a key contributor to numerous award-winning healthcare designs.

The International Advisory Board

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Poster Presentation

- P01** **Yeqiu Yang, Kun Liu (China)** Mental Health-oriented Community Micro-renewal in China: From spatial Repair to Perception-Based Wellbeing
- P02** **Jingyi Liu / Jianfei Chen (China)** Optimization of Shading, Ventilation and Energy Saving for Low-Carbon high-speed railway stations
- P03** **Wei Yuying, Mei Hongyuan (China)** Spatial Perception in the Blind Population: Interdisciplinary Structure, Research Hotspots
- P04** **Wang Jiaqi, Chen Jianfei (China)** Reshaping the Last Mile: A Review of Data-driven Approaches for Climate-Adaptive Design
- P05** **Jiang Nan, Lu Shiliang (China)** Reuse of Idle Boiler Houses in Old Residential Communities for Winter Health Promotion
- P06** **Nasir Yusoff N, Wasiu Badru Adedeji (Malaysia)** Re-assessing the Content Validity of Fear-based Pictorial Warnings on Cigarette Packaging
- P07** **Florince Christy (Malaysia)** Healthy cities for people: Co-Designing Inclusive Community Environments by Empowering Iban Women Leaders
- P08** **Moonisah Usman (UK)** Connecting Power, Privilege and Place – A Transdisciplinary Education for Healthier Urban Futures
- P09** **Pokholkov Yu.P, Korneva O.Yu., Chervach M.Yu., Vakhguelt A.F (Russia)** The Image of an Engineer in the Modern Paradigm: From Diversification to A Digital Portrait of a Graduate
- P10** **Pokholkov Yu.P., Isaeva E.V., Vakhtel A.F., Muravlev I.O (Russia)** Embedded 'Immersion Technology' As a Tool for Harmonizing Fundamental and Professional Training of Future Engineers
- P11** **Nur Amalia Md Zailani, Dr. Rozia Adenan, Dr Zin Iskandar (Brunei)** Amphibious House and HADR Center
- P12** **Rosalia Saimon, Law Leh Shii, Fannceilia Shannie Romi, Bradford Boyd Belinda, Mohd Afzan Mohamed Afzan (Malaysia)** Developing a Multifunctional Ecological Community Garden Framework for Cardiovascular Disease Prevention
- P13** **Rosalia Saimon, Azizah binti Azhar, Nur Leesa Asma, and Mohd Afzan Mohamed (Malaysia)** Longhouses Ruai-fit Spaces to Promote Community Well-being: Culturally Sensitive and Community-Driven
- P14** **Hazim Mumin, Rozia Haji Adenan (Brunei)** Biophilic Design and Mental Wellbeing: A Critical Literature Review on Trends Between 2020-25
- P15** **Muhammad Muaz Azim Muhardi & Ali Raza Soomro (Brunei)** Implementation of Building Integrated Photovoltaics (bipv)
- P16** **Nur Azizah Mohammad Aziz & Sumarni Ismail (Brunei)** Integration of Solar Roof tiles at De Patoi Restaurant, Brunei Darussalam
- P17** **Affah Mumtazah Hamdani & Sumarni Ismail (Brunei)** Optimizing Vertical Air Flow Dynamics for Enhanced Thermal Comfort
- P18** **Nurjehan Hamizah Abd Latip & Rozia Adenan (Brunei)** Integrated Evaporative Cooling System for Passive Thermal Comfort
- P19** **Nur Afifah Aliham & Sumarni Ismail (Brunei)** Fan-assisted Passive Stack Ventilation at De Patoi Restaurant, Brunei Darussalam
- P20** **Siti Nur Iffah Borhannordin & Ali Raza Soomro (Brunei)** Solar Assisted Absorption Chillers with Chilled Beams as a Passive Cooling Strategy at UBD the Core
- P21** **Muhammad Afif Hafizin Noorazmi & Sumarni Ismail (Brunei)** Optimizing Water Efficiency through Grey Water Recycling System: A Sustainable Solution for UBD the Core
- P22** **Nor Azlan Jalian & Zulkefle Ismail (Brunei)** Optimizing Natural Light Efficiency Using Fiber Optic System at De Patoi
- P23** **Hazimah Hasman & Zulkefle Ismail (Brunei)** Overlay Green Façade in BIBD Connect
- P24** **Muhammad Faizun Saufi & Sumarni Ismail (Brunei)** Improving Artificial Lighting in the Core UBD Food Court, Universiti Brunei Darussalam, Using Tubular Daylighting Devices
- P25** **Amiira Ashrafa Mohammad Shahrain & Ali Raza Soomro (Brunei)** Waste-to-Energy Conversion through Pyrolysis System at De Patoi Restaurant
- P26** **Nur Hidayatul Asyura Zullizam & Zulkefle Ismail (Brunei)** Acoustic and Soundproofing System for Container-based Structures at the Box Brunei
- P27** **Fatin Nabihah Hairin & Rozia Binti Haji Adenan (Brunei)** A Modular Container-Based Community Banking Hub with Kinetic Energy Flooring System
- P28** **Nur Hannani Misli & Rozia Adenan (Brunei)** adaptive solar tracking photovoltaic shading system
- P29** **Amirul Qawi Sofry & Zulkefle Ismail (Brunei)** Enhancing Daylight Performance at BIBD Connect through A Hybrid light Shelf System
- P30** **Aiman Azfar Amir Iskandar & Rozia Adenan (Brunei)** Proposed Hybrid Ventilation System for BIBD Connect
- P31** **Nur Adrieanna Athari Shahminan & Rozia Adenan (Brunei)** Development of An Adaptive Acoustic Panels System
- P32** **Sarah Yasmin Mohammad Reizal & Ali Raza Soomro (Brunei)** Wastewater Treatment With Biochar-Enhanced Hybrid Wetland at De Patoi Temburong
- P33** **Rozia Haji Adenan, Hjh Asmah Hj Husaini, Nur Hidayatul Asyura Binti Haji Zullizam (Brunei)** Exploring the Potential of Designing Spaces for Elderlies Experiencing Dementia
- P34** **Meng Huoy Chan, Zin Kandar, Rozia Haji Adenan (Brunei)** Post- Retirement Village: Inclusive Living and Community for Brunei's Aging Population
- P35** **Nurul Hanani binti Che Mohd Zain, Wan Norisma binti Wan Ismail, Madihah binti Mat Idris, Fadli bin Arabi (Malaysia)** Emerging Adaptation and Flexibility Design Strategies for Age-Friendly Hospitals: A Systematic Literature Review



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