

# SPEAKERS' BIOGRAPHIES

(In the same order as in the event programme)

## Dr Wei Pan

*Associate Director, CICID, The University of Hong Kong*



Dr Wei Pan is Co-Chair of Low Carbon Construction Taskforce and Associate Director of Centre for Innovation in Construction and Infrastructure Development (CICID) of The University of Hong Kong. He is specialised in sustainable construction and management, with research interest covering zero carbon building, prefabrication, productivity and decision making, having secured over HK\$20million research fund and authored over 120 publications. He received his BSc in Civil Engineering from Hunan University and MSc and PhD in Construction Management from Loughborough University, and is a visiting academic to Imperial College London. He has 21 years of professional experience in Asia and Europe in building design and engineering, construction project management and innovation management. He is Chartered Builder, Chartered Environmentalist, and Fellow of Higher Education Academy.

## Ms Christine Loh

*Under Secretary for Environment, HKSAR Government*



Ms Christine Loh was the Chief Executive Officer of the non-profit public policy think tank Civic Exchange prior to joining the HKSAR Government in September 2012. Prior to founding Civic Exchange in 2000, Ms Loh had spent nearly a decade as a politician and member of the Legislative Council (1992-97 and 1998-2000). Before joining the Legislative Council, Ms Loh held senior regional positions in commodities trading, as well as in project negotiation. Having been very active in public affairs since 1980, she had founded or served on boards of a wide range of non-governmental organisations in Hong Kong and overseas concerning a variety of issues including environmental protection, urban planning and design, and equal opportunity. Ms Loh is a lawyer by training.

## Ir Prof CK Mak

*Vice Chairman, CICID, The University of Hong Kong*



Ir Prof C.K. MAK joined the Hong Kong Government as an Assistant Engineer in 1976 and since then his career has been closely associated with the development of Hong Kong's railway system. As an engineer, he was in charge of a number of projects for the electrification and modernization of the Kowloon-Canton Railway. In 1990, he initiated and organized planning studies for Hong Kong's railway development. He then took part in the formulation of Hong Kong's Railway Development Strategies, which were published in 1994 and 2000. Ir Prof Mak is a Member of the Institution of Civil Engineers, a Fellow of the Hong Kong Institution of Engineers, a Fellow of the Hong Kong Institution of Highways and Transportation, a Fellow of the Chartered Institute of Logistics and Transport, and a Senior Member of the China Railway Society.

## Prof Phillip Jones

*Chair in Architectural Science, Cardiff University, UK*



Professor Phil Jones has led a number of research projects in the field of low energy, low carbon, and sustainable design in the built environment, including, the EU FP5 funded development of a web based decision making framework, Practical Evaluation Tools for Urban Sustainability (PETUS); the building energy model (HTB2), and the Urban Scale Energy and Environment Prediction (EEP) model. He chaired the ERDF funded Wales Low Carbon Research Institute (value £34million). He has chaired two COST Actions, COST C23 'Low Carbon Urban Built Environments' network, which had 19 member states participating (2005-20010), and COST TU1104 'Smart Energy Regions (SmartER)' with 28 member states (2012 to 2016). He was appointed by the Welsh Government to be the first chair of its Building Regulation Advisory Committee (since 2012). He Chairs the Board of Directors of Warm Wales (since 2006), a community interest company, which has installed over £50 million of energy efficiency measures to existing fuel poor housing in Wales. He is a partner in the Swiss based environmental design company, Jones Kopitsis AG.

## Prof Deo Prasad

*Chief Executive Officer, Low Carbon Living CRC, Australia*



Scientia Professor Dr Deo Prasad AO is an international authority on sustainable buildings and cities and among the leading advocates for sustainability in Australia. Deo won the 2006 Royal Australian Institute of Architect's National Education Award for contribution to 'sustainability education, research and design'. In 2004 he won the NSW Government's individual GreenGlobe Award for 'showing leadership and commitment to the supply of renewable energy'. He has also won the Federal Government's national award for 'outstanding contribution to energy related research' and was admitted as a Fellow of the Australian Academy of Technology Sciences and Engineering in 2014. He is a regular contributor to debate in this area in local and international media. Deo sits on numerous boards and committees in this field in Australia and abroad. He has published in excess of 280 refereed publications. He is now the CEO of the CRC for Low Carbon Living - a national research and innovation hub for the built environment.

## **Dr Chun-ping Gao**

*Director of Green Building Innovation Cluster, Building and Construction Authority, Singapore*



Dr Chun-ping Gao leads the green building team in the Built Environment Research and Innovation Institute (BERII) at Building and Construction Authority of Singapore. He and his team works on R&D, testbedding and demonstration of energy efficient building technologies and practices. This include the S\$ 52 million Green Building Innovation Cluster (GBIC) programme, BCA SkyLab project, and the Zero Energy Building demonstration and road mapping. Trained as an engineer and researcher, Dr Gao has been actively involved in development of several large scale projects and code/standards developments, including the Sino-Singapore Tianjin Eco-city and BCA Green Mark scheme. He is a member of ASHRAE and lectures at tertiary institutions in Singapore.

## **Prof Chimay Anumba**

*Dean of College of Design, Construction & Planning, University of Florida, US*



Prof Chimay Anumba is Dean of the College of Design, Construction and Planning at The University of Florida. He is a Fellow of the Royal Academy of Engineering (the United Kingdom's National Academy of Engineering). His research interests are in the fields of advanced engineering informatics, concurrent engineering, knowledge management, distributed collaboration systems, and intelligent systems. He has over 450 scientific publications in these fields and his work has received support worth over \$150m from a variety of sources. He has also supervised 45 doctoral candidates to completion and mentored over 23 postdoctoral researchers. He is a Chartered/Professional Engineer and a Fellow of the following professional institutions: the American Society of Civil Engineers, The Institution of Civil Engineers, and The Institution of Structural Engineers.

## **Dr Thomas Linner**

*Chair of Building Realization and Robotics, Technical University Munich, Germany*



Dr Thomas Linner is a research associate in building realization and robotics at Technical University of Munich (TUM). During the last few years, he has contributed to major research projects, with a focus on the deployment of advanced technology in the building sector. He is a specialist in the area of automated production of building products as well as in the enhancement of the performance of building products by advanced technology. He completed his dissertation in the field of construction automation, focusing on automated/robotic on-site factories. Increasingly, the generation of innovation strategies, business models, value systems, and innovative manufacturing organization methods complementary with advanced technology in construction is becoming the central issue in his research. Dr. Linner has been an invited speaker at universities such as the University of Tokyo and Cambridge University. He has received several prizes and grants, including a Japanese Center of Excellence Grant.

## **Mr Justin Li**

*Assistant Director, Zero Carbon Building, Construction Industry Council, HKSAR*



Mr Li is a Chemical Engineer by training and has been involved in the sustainability profession for over 20 years, his employers included public utilities, blue-chip property developer, international environmental consultancy, local NGO, MNCs (ibank, energy companies). Justin has been engaged in the technical as well as the project management aspects of environmental and CSR projects for both public and private sectors' clients. He is currently the Assistant Director - Environmental & Sustainability with the Construction Industry Council and is responsible for the management of ZCB, the first zero carbon building in Hong Kong as well as promoting sustainability awareness within the construction industry.

## **Ir Prof Sam Chan**

*Associate Director, CICID, The University of Hong Kong*



Ir Chan was appointed Assistant Secretary in the Works Policy Unit of the Works Bureau in 2001 on implementation of the CIRC recommendations relating to alternative procurement approaches, sustainable construction, life cycle costing, partnering, security of project payment, site supervision and project delivery. He was posted to the Highways Department in 2004, responsible for the planning, design and implementation of capital works projects. He served as a volunteer at the Development Bureau and provided professional advice and support to the HKSAR-funded reconstruction projects in Sichuan from 2011 to 2012. As a Director of the Chinese YMCA of Hong Kong and Chairman of its Property Development and Management Committee, Ir Chan provides guidance on development projects and monitors the procurement system in facilitating the delivery of the Association's services.

## **Prof Thomas Ng**

*Executive Director, CICID, The University of Hong Kong*



Prof Ng is the Executive Director of Centre for Innovation in Construction and Infrastructure Development (CICID). He received his Master degree from University of Salford and PhD from University of Manchester. His research interests are in the fields of Low carbon construction, sustainability information modelling and building life cycle assessment, etc. He has over 330 scientific publications in these fields and his research work has received funding worth over 60 million HKD. Prof Ng has been granted many academic and professional awards. He is a fellow of Chartered Institute of Building, Royal Institution of Chartered Surveyors, Hong Kong Institution of Engineers and Hong Kong Institution of Surveyors.