

Brief Newsletter from World Scientific

February 2016

Singapore News

1 World Scientific Series on Singapore's 50 Years of Nation-Building – Volume 15

50 years of achievement: **The Singapore Research Story**

With Foreword by Prime Minister Lee Hsien Loong

"I hope that in the next 50 years of our Research, Innovation and Enterprise journey, we will scale new heights in research excellence and create more value in Singapore."

Lee Hsien Loong

Editors



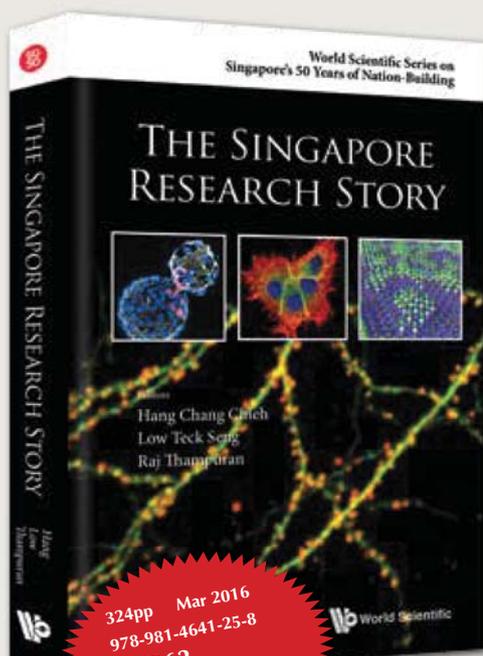
Hang Chang Chieh
*Executive Director,
Institute for Engineering Leadership,
NUS, Singapore*



Low Teck Seng
*CEO, National Research
Foundation,
Singapore*



Raj Thampuran
*Managing Director,
A*STAR,
Singapore*



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SGD34

Charting the challenging journey Singapore embarked upon in its quest to develop a knowledge-based economy driven by research and innovation, this book focuses on the roles played by research institutes, universities, research manpower and appropriate collaboration between research institutes and industry.

Through interviews with key players and research into records, this volume outlines the establishment of key institutes and the roles of a global cast of researchers, scientists and engineers in setting up R&D infrastructure from the time of Singapore's independence in 1965 to the present day. The impact of concerted efforts to build up credible and world-class research capability in Singapore over the last 25 years is discussed, as are tremendous challenges faced by key players in the drive to develop a knowledge-based economy and the ultimate goal of an innovation-driven economy.

A look at the past and future of research in Singapore, the book, with its foreword penned by Singapore Prime Minister Lee Hsien Loong, would surely appeal to professionals, academics and all readers interested in research.

■ Nobel Laureates Books ■

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1992 Nobel Laureate in Chemistry

Rudolph Marcus

Proceedings of Conference in honour of Nobel laureate Rudolph Marcus

Edited by: **Maria-Elisabeth Michel-Beyerle**
(Nanyang Technological University, Singapore)



World Scientific Publishing is proud to announce the publication of the proceedings of a conference held in tribute to Professor Rudolph Marcus on the occasion of his 90th birthday. Distinguished scientists gathered to discuss theories of electron transfer and unimolecular reactions at the conference, in celebration of his lifelong contributions to Chemistry which won him many accolades, including the 1992 Nobel Prize in Chemistry.

Read the lectures delivered during the conference by renowned scientists from Caltech and UC Berkeley as well as fellow Nobel laureate, Yuan Tseh Lee, which are made available for the first time.

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2008 Nobel Laureate in Physics

Y. Nambu

Authoritative volume on late Nobel laureate Y. Nambu

Memorial Volume for Y. Nambu

Edited by: **Lars Brink**(Chalmers University of Technology, Sweden),
Lay Nam Chang (Virginia Tech, USA),
Moo-Young Han(Duke University, USA),
Kok Khoo Phua(Nanyang Technological University, Singapore)



In honour of the memory of a giant in twentieth century physics, World Scientific Publishing presents a unique collection of papers written by the Nobel laureate's former colleagues, collaborating researchers, former students and associates. This landmark volume celebrates Nambu's contributions to physics and shares many personal and private reminiscences, some never previously revealed. A book not to be missed by researchers and physics enthusiasts.

Quote from editor: *"A physicist universally admired by all who knew him as a kind and caring friend who was modest, considerate and soft-spoken. If Nambu is to be characterized in one short phrase, it is that he was a person of humble modesty and quiet dignity. But unbeknownst to many he also harbored a delightful penchant for drama on one hand and a deep sense of humor on the other."*

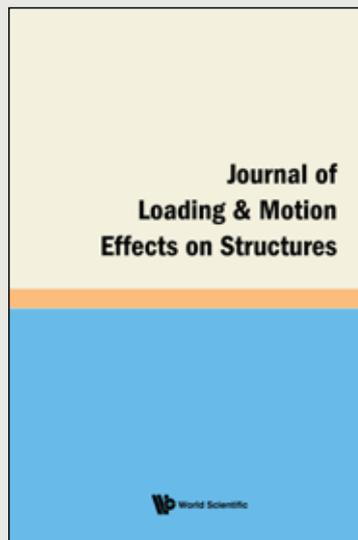
Moo-Young Han
Duke University

New International Journal in Civil Engineering

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World Scientific announces new civil engineering journal

Journal of Loading & Motion Effects on Structures



Chief Editor: **Professor Yukio Tamura** (*Beijing Jiaotong University*)

Editorial Board Members include **K.H. Law** (*Stanford University*), **B.Spencer** (*UIUC*), **C.M.Wang** (*NUS, Singapore*)

World Scientific is proud to present a new civil engineering journal, Journal of Loading & Motion Effects on Structures. An independent journal devoted to the prompt publication of original papers reporting the results of experimental and theoretical work providing new information on any aspect of loading and motion effects on structures, the quarterly issues aim to ensure specialists and practitioners are updated in areas of mutual interest and in relation to new technologies and discoveries.

The journal is helmed by renowned experts in the field including: Professor Yukio Tamura, Professor S. S. Law and Professor Qingshan Yang from Beijing Jiaotong University as well as Professor Ian Buckle from University of Nevada, Reno.

The journal is expected to launch in January 2017 and will publish a broad spectrum of technical papers ranging from the behaviour of structural systems to the codification of design recommendations and the subsequent evaluation of reliability of structures under load and other actions.

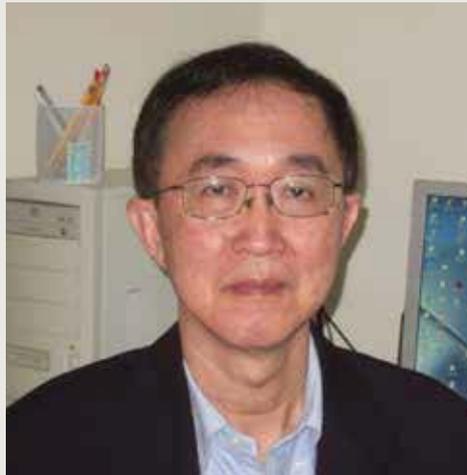
Forthcoming volumes in World Scientific Series on Asia-Pacific Weather and Climate

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Best Series on Asia-Pacific Weather and Climate

Editor-in-Chief: **Chih-Pei Chang**

(Central Weather Bureau, Taipei and Naval Postgraduate School, Monterey, California)



The series consists of books, programmes and projects which relate to weather, climate and related fields, including interdisciplinary topics. The series is part of a collaboration with the Working Group on Tropical Meteorology Research, a component of the World Weather Research Programme, and other international weather and climate programmes in publication projects.

There are currently seven volumes published with more in the pipeline.

Two forthcoming titles in the series are:

Graduate level textbook on 'General Circulation'

With a phenomenological emphasis, this volume will be rooted in early general circulation and literature. The volume aims to make the topic more accessible to readers without a strong geophysical fluid dynamics background and well-developed mathematics skills.

Review volume on 'Bridging Science and Policy Implication for Managing Climate Extremes: Linking Science and Policy Implication'

Based on APEC Climate Symposium presentations (2013-2015), the book aims to compile important results from the latest research in climate extremes prediction and services as well as its application in studies with a focus on climate extremes.

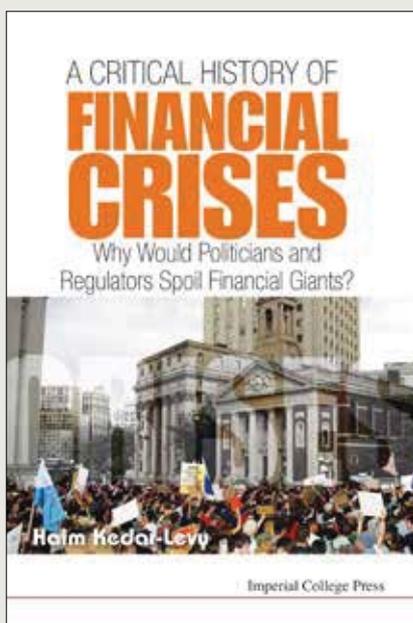
New Social Science Books from World Scientific Publishing

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A Critical History of Financial Crises

Why Would Politicians and
Regulators Spoil Financial Giants?

by **Haim Kedar-Levy**
(Ben-Gurion University of the Negev, Israel)



This book provides a fresh look at financial crises, providing analysis of causes and effects. Highlights include the focus on the special role of regulators, including the “Capture Theory” as seen in practice. This book is set to appeal to economists and readers with an interest in economic history, and for all who are concerned about the stability of current international financial markets.

Quote: *“While each financial crisis is unique and has its own special features, there are a lot of similarities in the dynamics leading to a crisis and also in their resolutions. Some of the financial crises are caused by the lack of appropriate regulation, but often the regulators were ignoring the signals of imminent crises, while serving implicitly or explicitly, the financial industry.”*

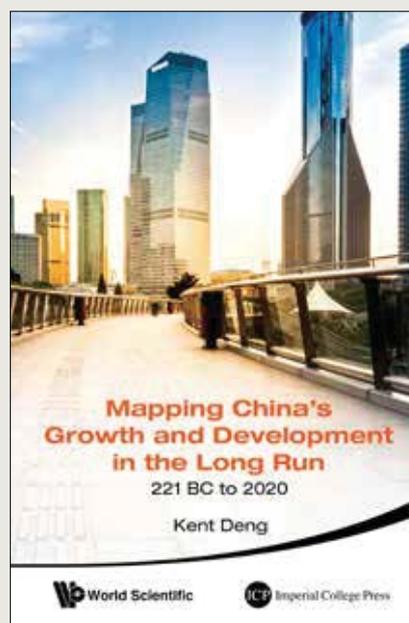
Professor Dan Galai
The Hebrew University, Jerusalem

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Mapping China's Growth and Development in the Long Run

221 BC to 2020

by **Kent G Deng**
(The London School of Economics and Political Science, UK)



With a narrative that takes the reader through China's long and colourful saga of growth and development, the book is a showcase of the eventful experience that marks China's experience of growth and development throughout time. Against the backdrop of history and social upheaval, the author distils the importance of efficiency and equality and emphasises the importance of learning from the past in dealing with the future.

Company News

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New German Office in Munich since Oct 2015

German trade publication interviews World Scientific Managing Director

World Scientific Publishing MD Max Phua recently spoke with German book trade magazine Boersenblatt.net about the company's plans for the German and international market. In the course of the interview, Mr Phua spoke of World Scientific's plan to further expand its collaboration with renowned German universities, research institutions and important German scientific organizations.

As an international publisher and distributor with long-standing close ties in East and West, WSPC looks to be a bridge of knowledge between Asia and Europe. This plan is reflected in its global presence, with offices in US, UK and various locations in Asia and since 2015, an office in Munich.

Please click on the following URL for the full interview in German
http://www.boersenblatt.net/artikel-interview_mit_max_phua.1076975.html



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World Scientific Publishing sells over 5,000 ebooks to Huazhong University of Science and Technology in an agreement

World Scientific Publishing and Huazhong University of Science & Technology (HUST) inked a collaboration agreement to add over 5,000 research level e-books in the areas of Mathematics, Chemistry, Computer Science, Engineering, Environmental Science, Medicine, Business and Economics to the library's collection. The collaboration contributes to HUST's efforts to ensure its researchers have easy access to quality research material housed within a robust digital library.



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World Scientific

proudly presents

in celebration of

Singapore's 50 Years of Nation Building,

a comprehensive collection of

more than 25 Volumes,

including 4 Chinese titles

The volumes range from 300 – 600 pages

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SINGAPORE
50 Years of Nation-Building