

Brief Newsletter from World Scientific

March 2016

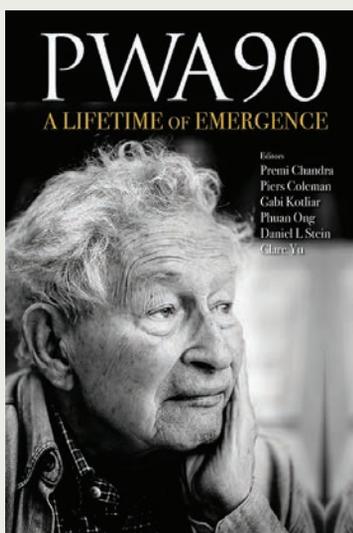
■ Nobel Laureates Books ■

1

1977 Nobel Prize in Physics

PWA90: A Lifetime of Emergence

Edited by: **Premi Chandra** (*Rutgers University, USA*), **Piers Coleman** (*Rutgers University, USA*), **Gabi Kotliar** (*Rutgers University, USA*), **Phuan Ong** (*Princeton University*), **Daniel L Stein** (*New York University, USA*), **Clare Yu** (*UC Irvine*)



A volume of original scientific essays and personal reminiscences of Philip W Anderson written by experts in the field, this collection offers an interesting view of PW Anderson, professor of physics, emeritus at Princeton University. Presented as part of “PWA90: Emergent Frontiers of Condensed Matter” meeting held at Princeton in December 2013 to honour and highlight Anderson’s contributions to physics, the reader is presented with PW Anderson as his students perceived him. Readers are also allowed a privileged glimpse into how colleagues and fellow scientists perceived his award-winning theories.

Recommended reading for all interested in a distillation of a remarkable career spanning six decades.

2

1994 Nobel Prize in Economic Sciences

Memorial Volume for Nobel Laureate Former Princeton University Professor John Nash

Edited by: **Joseph Kohn** (*Emeritus Professor, Princeton University*), **Hongjun Li** (*World Scientific*)



To celebrate the life and work of former Princeton University Professor, Nobel laureate John Nash, World Scientific will be publishing a memorial volume that will prove insightful for all interested in the man and his work. Prof John Nash, a founding figure in game theory, was best known for his work on game theory which saw him share the 1994 Nobel Memorial Prize in Economic Sciences with game theorists Reinhard Selten and John Harsanyi.

Singapore's 50 Years of Nation-Building

In Celebration of Singapore's 50 years of Nation-Building
World Scientific Proudly Presents 27 Volumes on

Culture, Community & Security, Economic Development & Real Estate,
International Relations, Science, Technology & Healthcare,
and Urban Planning, Environment & Transportation

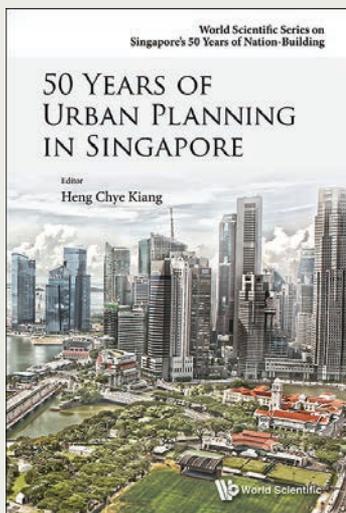
Recommended in this issue

50 Years of Urban Planning in Singapore
Singapore's Health Care System

3

50 Years of Urban Planning in Singapore

Edited by: **Chye Kiang Heng** (NUS, Singapore)

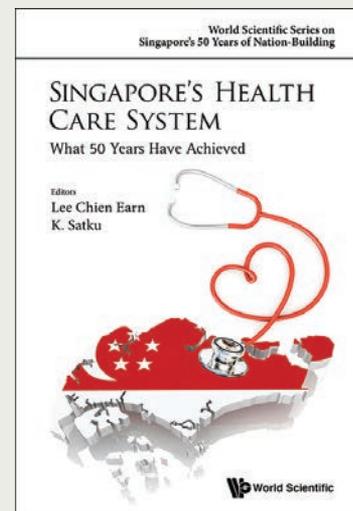


Providing an overview of Singapore's urban planning history and a glimpse of future challenges, the book offers readers an opportunity to examine the success of Singapore's urban planning efforts. The volume brings together the diverse perspectives of practitioners and academics in the professional and research fields of planning, architecture, urbanism, and city-making. A must read for urban planning, architecture and urban conservation practitioners and urban administration students.

4

Singapore's Health Care System

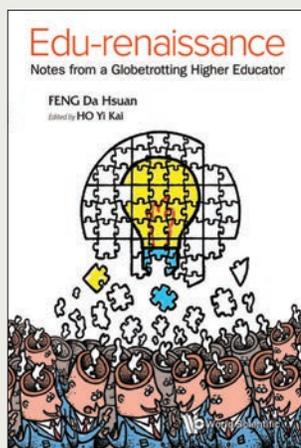
Edited by: **Chien Earn Lee** (Changi General Hospital, Singapore),
K Satku (National University Health System, Singapore)



With its focus on Singapore's famed healthcare system, this book provides a fascinating insight into the development of Singapore's health care system. The volume traces the development of Singapore's health care industry from the early days of fighting infections and providing nutrition supplementation for school children, to today's management of lifestyle diseases and high-end tertiary care. A comprehensive look at one of the most successful health care systems in the world that should interest readers looking to understand Singapore's journey in this field.

Edu-Renaissance: Notes From a Globetrotting Higher Educator

by **Feng Da Hsuan** (*Director of the Global Affairs Office and Special Advisor to Rector at the University of Macau*)



Edu-renaissance: Notes from a Globetrotting Higher Educator brings together 50 of Professor Feng Da Hsuan's speeches, articles and reviews from the last decade and a half. They cover a wide range of ever-relevant topics such as the value of higher education in society, the role Asian universities have in the world, and hot topics like university ranking. Professor Feng also shares his new ideas and insight on promising young universities and higher education in the 21st century. This volume is ideal for readers who are part of a global community concerned about one of the most important issues in the world today — education.

“If universities are indeed the institutional Rosetta Stones of our time, then Feng is arguably the sector’s Jean-Francois Champollion.”

C. David Naylor

President Emeritus, The University of Toronto

“This is a must-read book for all!”

Fu-Jia Yang

*Academician, Chinese Academy of Sciences
Former President, Fudan University
Former Chancellor, University of Nottingham*

“Professor Feng is a rare authority in linking higher educations of North America and Asia, especially Greater China and Southeast Asia.”

Sung-Mo Steve Kang

*President, KAIST
Chancellor Emeritus, University of California, Merced*

“A good book will leave a good taste in one’s mind. This is such a book. Savor it!”

Shih Choon Fong

*Professor and Former President, National University of Singapore
Founding President, King Abdullah University of Science and Technology*

“I salute Professor Feng and congratulate him on the publication of this vital and incomparable book, written by a true modern Renaissance Man!”

Carter Tseng

*Founder and CEO, Little Dragon Foundation
Member, Board of Directors, USA Committee of 100
Member, Board of Trustees, USA Give2Asia Foundation*

“This ‘Edu-renaissance’ book by Da Hsuan Feng is a ‘tour de force’ of the 21st century fast-changing global academic world.”

Yitzhak Apeloig

*President Emeritus
Technion-Israel Institute of Technology*

“While his academic focus was in basic science, Feng Da Hsuan defies categorization. He is both an effective multi-lingual communicator and a tireless connector of people and institutions. Somewhat improbably, Feng also has a diplomat’s grasp of nuance, a lawyer’s eye for detail, and a journalist’s gift for synthesis and story-telling.”

“An inveterate globetrotter with an extraordinary ability to forge relationships among people and institutions, Feng has an eagle eye for cultural differences and strategic strengths and weaknesses in institutions and systems.”

C. David Naylor

President Emeritus, The University of Toronto

“It is a book which allows the readers on a rich excursion of global higher education. Few can do this like Da Hsuan can, with seeming ease.”

Fu-Jia Yang

*Academician, Chinese Academy of Sciences
Former President, Fudan University
Former Chancellor, University of Nottingham*

“This book will be a valuable guide and a must-read for educators, especially for academic leaders seeking globalization. It covers a broad range of interesting topics which are rarely covered in other books on higher education.”

Sung-Mo Steve Kang

*President, KAIST
Chancellor Emeritus, University of California, Merced*

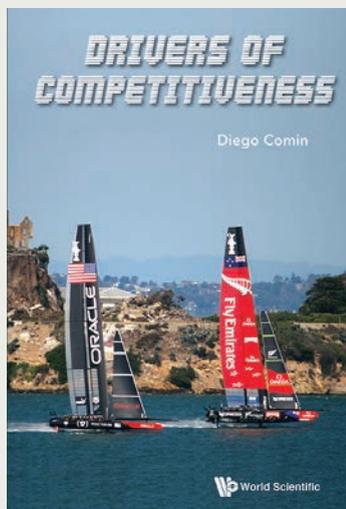
“This ‘Edu-renaissance’ masterpiece is indeed valuable to the entire education community. But at the same time, it should not be overlooked by anyone interested in the future of technology and modernity. I strongly recommend this as food for thought to aspiring young leaders, professionals, entrepreneurs and philanthropists.”

Carter Tseng

*Founder and CEO, Little Dragon Foundation
Member, Board of Directors, USA Committee of 100
Member, Board of Trustees, USA Give2Asia Foundation*

Drivers of Competitiveness

By: **Diego Comin** (*Dartmouth College, USA*)



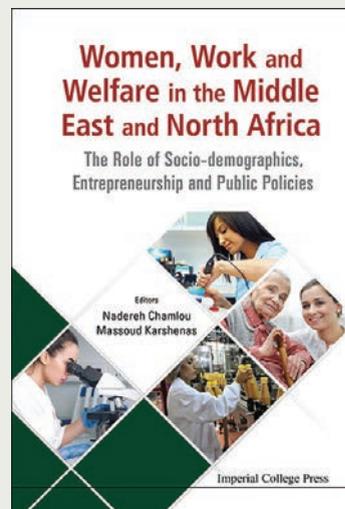
The forthcoming title focuses on technology and seeks to analyse its impact on productivity and competition, while examining the dynamic relationships between different factors in various contexts. Based on state-of-the-art research, the book illustrates the global, institutional and technological factors that shape the performance of business and countries.

Drivers of Competitiveness is a self-contained case book ideal for instructional use. The cases in the book are new and written in the context of the global financial crisis, providing a new perspective on the crisis that sheds light on its effect on competitiveness and on the diversity of responses by companies and countries. An essential read for managers, policy-makers and observers of global dynamics.

Women, Work and Welfare in the Middle East and North Africa

The Role of Socio-demographics, Entrepreneurship and Public Policies

Edited by: **Nadereh Chamlou** (*Former Senior Advisor, The World Bank*),
Massoud Karshenas (*University of London, UK & New York University, USA*)



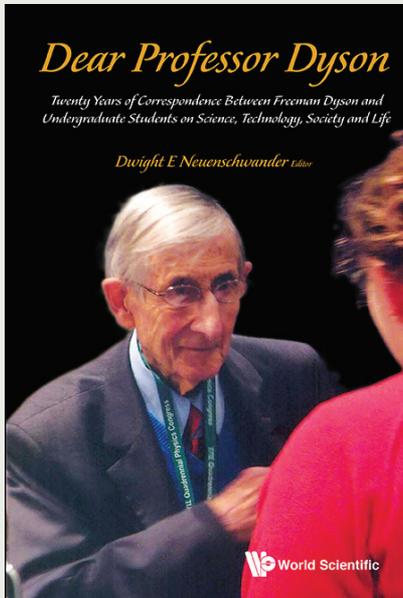
In the aftermath of the Arab Spring, and in light of socio-economic and geopolitical challenges facing governments old and new, the issue of women's rights and empowerment have gained new urgency and relevance. Following the wave of conservatism sweeping political scenes worldwide, there are serious threats against some of the gains women have achieved over past decades on economic and social fronts.

This timely book brings together leading regional researchers to offer original research linking gender equality with economic policy, reinforcing the agenda from a broad-based perspective. A must-read for all interested in gender politics and public policy.

Dear Professor Dyson

Twenty Years of Correspondence Between Freeman Dyson and Undergraduate Students on Science, Technology, Society and Life

Edited by: **Dwight E Neuenschwander** (Southern Nazarene University, USA)



As an internationally celebrated mathematician, physicist, author, futurist, and government advisor, for many decades Freeman Dyson's speeches and books for the general public have raised penetrating questions about science, technology, ethics, education, culture, war and peace, international relations, religion, social justice, and the future.

For over twenty years, Professor Dyson has corresponded with undergraduate students attending a small college in Oklahoma in a "Science, Technology, and Society" (STS) course. Their STS discussions seek to understand life's difficult questions, rather than construct pat answers to them. Such questions include matters of war and peace; wealth, poverty, and social justice; our ethical responsibilities towards other cultures, other species, the environment, and future generations. In his responses to class letters, Professor Dyson does more than answer the students' questions; he sees deeper issues behind each question. By sharing personal stories from his experiences across a long and fascinating lifetime, he makes his young correspondents think.

The reader is invited to join the discussions, to share the students' struggles as they try to make sense of this beautiful, dangerous, and crazy world they are inheriting, and articulate values that will guide their decisions about science, technology, society, and life.

Company News

GEORGE YEO

on Bonsai, Banyan and the Tao

edited by **Asad-ul Iqbal Latif** and **Lee Huay Leng**



George Yeo on Bonsai, Banyan and the Tao

Mongolian Edition

In an effort to introduce Singapore to the Mongolian people, the best seller 'George Yeo on Bonsai, Banyan and the Tao', published by World Scientific, will be translated into the Mongolian language for publication in the country. The result of a discussion between Mr Yeo and the Mongolian ambassador to Singapore, T. Lkhagvadorj, the book is expected to promote greater understanding of the island nation among the three million strong population in the world's second-largest landlocked country.

World Scientific Publishing to issue proceedings for Memorial Meeting for Nobel Laureate Professor Abdus Salam's 90th Birthday

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In honour of one of the most prolific and exciting scientists of the second half of the last century, the Institute of Advanced Studies at Nanyang Technological University organised the Memorial Meeting for Professor Abdus Salam's 90th Birthday in January 2016.

Salam believed that "scientific thought is the common heritage of all mankind" and that the developing world should play its part, not merely by importing technology but by being the arbiter of its own scientific destiny. That belief saw him rise from humble beginnings in a village in Pakistan to become one of the world's most original and influential particle physicists, culminating in the 1979 Nobel Prize (shared with Glashow and Weinberg) for contributions to electroweak unification, which forms an integral part of the Standard Model.

World Scientific is proud to announce the publication of the proceedings of the event which saw many distinguished scientists participating as speakers.

List of Speakers

NAME

INSTITUTION

Ahmed Ali	DESY
Francis Allotey	African Institute for Mathematical Sciences
Eric Bergshoeff	University of Groningen
Ali Chamseddine	American Univ, of Beirut
Pisin Chen	National Taiwan University
Robert Delbourgo	University of Tasmania
Michael Duff	Imperial College London
Sergio Ferrara	CERN
Harald Fritzsch	Ludwig Maximilians University
Christian Fronsdal	University of California, Los Angeles
Kazuo Fujikawa	RIKEN
David Gross	University of California, Santa Barbara, Nobel Laureate in Physics 2004
Chris Hull	Imperial College London
Tasneem Zehra Husain	
Peter Jenni	CERN
Anthony Leggett	University of Illinois at Urbana-Champaign, Nobel Laureate in Physics 2003
Madumbai Narasimhan	Indian Institute of Science (IISc)
Jordan Nash	Imperial College London
Jogesh Pati	SLAC, Stanford University
Fernando Quevedo	ICTP
Eliezer Rabinovici	The Hebrew University of Jerusalem
Muneer Rashid	National University of Science and Technology
Carlo Rubbia	CERN, Nobel Laureate in Physics 1984
Stefano Ruffo	SISSA
Qaisar Shafi	University of Delaware
Kellogg Stelle	Imperial College London
Hiroataka Sugawara	Okinawa Institute of Science and Technology
Gerard 't Hooft	Universiteit Utrecht, Nobel Laureate in Physics 1999
George Thompson	ICTP
Miguel Virasoro	National University of General Sarmiento
Jim Virdee	Imperial College London
Spenta Wadia	Tata Institute of Fundamental Research
Peter West	King's College London
Lu Yu	CAS
Arnulfo Zepeda	Mesoamerican Centre for Theoretical Physics

