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Public Lecture Nuclear Power Technology and Nuclear Power Development in ASEAN

by **Prof Lim Hock**

Prof Lim Hock is IAS NTU Senior Fellow, and the Director, Research Governance and Enablement, Office of the Deputy President (Research and Technology), and concurrently the Director of the Singapore Nuclear Research and Safety Initiative, National University of Singapore. He is an academic staff of the Department of Physics since 1983, where he now holds the appointment as Professor of Physics.

In 1992, he set up the Centre for Remote Imaging, Sensing and Processing and served as its director until 2000. He then took up the assignment to establish Temasek Laboratories, and served as its director until 2012.

About the Talk

The early enthusiasm for nuclear power in the mid-20th century was dampened by the Three Mile Island and the Chernobyl accidents. Since about 2001, there was a worldwide revival of interest. The Fukushima accident of 2011 dealt a severe blow to this so-called “nuclear renaissance”. Nevertheless, vigorous developments persist in some countries, especially Asian countries such as China and India.

This talk will describe the nuclear energy technology and its special characteristics, which may help us better understand the potential benefits and the significant risks of nuclear power.

To meet the demand of economic development, some ASEAN countries have been actively exploring the adoption of nuclear power. Vietnam and Indonesia have signed agreements with nuclear technology suppliers to develop nuclear power plants. Malaysia and Thailand have also included nuclear power in their energy development plans. This talk will also briefly describe these developments and Singapore’s response to the potential risks of ASEAN region going nuclear.

Chairman: **Prof Phua Kok Khoo**
Director, Institute of Advanced Studies, NTU

Date: **29 April 2017 (Saturday)**

Time: **2:30 pm to 4:00 pm**

Venue: **Hwa Chong Institution (High School Section)**
Lecture Theatre 4 (located just above Kah Kee Hall)
661 Bukit Timah Road, Singapore 269734

Admission is FREE. Light refreshments will be provided.
Online registration at <http://www.ntu.edu.sg/ias/ptreg>