

Symposium on Nuclear Safety and Risk: Challenges and Opportunities

15 September 2012

Organized by Hong Kong Nuclear Society and
Department of Mechanical and Biomedical Engineering, City University of Hong Kong



The safety review reports, issued by China in mid June 2012, concluded that both nuclear power stations in operation and under construction are in compliance with national safety regulations and International Atomic Energy Agency standards. This means that the rapid expansion of the commercial nuclear power programme in the Pearl-River Delta region will likely continue. In view of this, the Hong Kong Nuclear Society organizes this symposium, as part of its Inauguration Events, to explore the safe application of nuclear energy and associated risks. Invited local and overseas experts will share their views on the challenges and opportunities associated with the latest nuclear development in the region.

Date: Saturday, 15 September 2012
Time: 13:30 to 18:30
Venue: Lecture Room LT401, City University of Hong Kong, Kowloon Tong, Kowloon, Hong Kong
Registration Fees: • General registration: HK\$300
• Members of Organizers and Supporting Organizations: Free
Registration Deadline: 14 September 2012

1. For members of Organizers and Supporting Organization, please register at <http://www.hkarms.org/Registration/EventRegister.php?Event=45>
2. For general registration, please fill in the following Registration Form and prepare a cheque, payable to **Hong Kong Nuclear Society**, sign and send by post with the completed Registration Form to **Dr. Louis Liu, SEEM Department, City University of Hong Kong, Kowloon, Hong Kong.**

Registration Form

Title: _____ Surname: _____ Given Name: _____

Company: _____

Position: _____ Contact Tel: _____

Contact Email address: _____

If pay by cheque, please state: Bank Name: _____ Cheque No.: _____ and Amount: _____

Tentative Programme

Time	Session
13:00 ~ 13:45	Registration
13:45 ~ 13:50	Opening Speech
13:50 ~ 14:00	Welcome Speech <i>Prof Way Kuo</i> , President, City University of Hong Kong
14:00 ~ 14:10	Souvenir Presentation and Photo Taking
14:10 ~ 14:40	Guest Speech #1 Revolutionized Nuclear Reactor Design using Computational Fluid Dynamics. <i>Prof. Yassin A. Hassan</i> , Head of Nuclear Engineering Department, Texas A&M University; Editor-in-chief of the Nuclear Engineering and Design Journal
14:40 ~ 15:10	Guest Speech #2 Nuclear Safety Software Development and Validation in China (中國核能安全軟體開發及驗證) <i>Prof. Yanhua Yang (楊燕華教授)</i> , Vice Dean, School of Nuclear Science & Engineering, Shanghai Jiaotong University; Deputy Director, Technology Research & Development Center, State Nuclear Power Technology Corporation LTD; Director , Nuclear Power Software Technology Center, State Nuclear Power Technology Corporation LTD
15:10 ~ 15:40	Guest Speech #3 Challenges and opportunities of Nuclear Technology Research and Education – MIT Research Reactor as a Case Study <i>Dr Lin Wen Hu</i> , Associate Director & Principal Research Scientist, Nuclear Reactor Laboratory (NRL), Massachusetts Institute of Technology
15:40 ~ 16:00	Coffee/Refreshment Break
16:00 ~ 16:30	Guest Speech #4 Daya Bay Contingency Plan <i>Mr Ray Ng (tentative)</i> , Government Security Officer, Emergency Support Unit, Security Bureau, Hong Kong SAR Government
16:30 ~ 17:00	Guest Speech #5 Being Prepared for the Risk of Nuclear Power Generation <i>Prof. Akira Yamaguchi</i> , Department of Energy and Environment Osaka University, Osaka, Japan
17:00 ~ 17:30	Guest Speech #6 <i>Title is to be confirmed</i> <i>Dr Ren Jun Sheng (任俊生博士)</i> , China Guangdong Nuclear Power Group (中國廣東核電集團)
17:30 ~ 18:20	Discussion Forum
18:20 ~ 18:25	Closing Remark

Attendance/CPD Certificate will be provided.

Supporting Organizations

