



You are invited to a one-day course on

Industrial Drying Technologies-Principles & Practice

Organized by

Minerals, Metals and Materials Technology Centre (M3TC),

Chair: Dr. Jeremy D. Lease, Minerals, Metals and Materials Technology Centre (M3TC), NUS, Singapore

Co-Chair: Dr. Sachin V Jangam, M3TC, NUS, Singapore

Date: Saturday, October 01, 2011

Time: 09:00 -16.30

Venue: LT1, Blk E2, Faculty of Engineering, National University of Singapore.

Tentative Program# (* indicates speaker)

08:30-09:00			
Registration			
09:00-09:05	Introduction speech	Chair - Dr. Jeremy Lease*	M3TC, NUS, Singapore
09:05-09:45	Introduction to Drying Principles	Prof. Arun S Mujumdar*	ME/M3TC, NUS, Singapore
10:15-10:45	Classification and Selection of dryers	Prof. Arun S Mujumdar*	ME/M3TC, NUS, Singapore
10:45-11:00			
Coffee Break			
11:00-11:30	Energy savings strategies for industrial dryers	Dr. Sachin V Jangam/ Dr. Chung Lim Law*	ME/M3TC, NUS, Singapore/ University of Nottingham, Malaysia
11:30-12:15	Recent developments and innovative dryers	Prof. Arun S Mujumdar* / Dr. Sakamon Devahastin	ME/M3TC, NUS, Singapore/ KMUTT, Bangkok, Thailand
12:15-13:00	Drying of low rank coals and biomass	Dr. Sachin V Jangam* / Dr. M. Faizal	ME/M3TC, NUS, Singapore/ Sriwijaya University, Palembang, Indonesia
13:00-14:00			
Lunch Break			
14:00-14:30	Introduction to Simprosys	Mr. Hafiz Bin Osman*	ME/M3TC, NUS, Singapore
14:30-15:00	Spray Drying Technology	Prof. A.S.Mujumdar* / Prof. Li Xin Huang	ME/M3TC, NUS, Singapore/Nanjing, China
15:00-15:30	Life Cycle Analysis (LCA) of drying processes	Prof Rajasekhar Balasubramanian* /Prof. A.S.Mujumdar/ Dr. Nawshad Haque	ME/M3TC, NUS, Singapore/CSIRO, Australia
15:30-16:00	Impingement drying	Mr. Jundika Kurnia*	ME/M3TC, NUS, Singapore
16:00-16:30			
Open Forum: Prof Arun S Mujumdar and all speakers			

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For details and updates, please visit <http://www.eng.nus.edu.sg/m3tc/>

Above program is a part of ME5202 Industrial Transfer Processes

Papers and/or PowerPoint handouts will be made available as an e-book to participants