



You are cordially invited to a half-day workshop on
Industrial Drying Technology: Principles and Practice

Organized by
Mechanical Engineering Department

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Minerals, Metals & Materials Technology Centre, M3TC

Chair: Prof. Arun S. Mujumdar, Professor of Mechanical Engineering & Centre Director, M3TC

Co-chairs: Dr. Sachin V. Jangam

Date: Saturday, 26 January 2013

Time: 8:30 AM-1:00 PM

Venue: Faculty of Engineering, National University of Singapore (Room TBA)

Proposed schedule (subject to minor changes)[#]

08:30-8:45	Registration		
08:45-10:15	Introduction, Fundamentals, Design Strategy, Classification & Selection	Prof A.S. Mujumdar	Minerals, Metals, and Materials Technology Centre (M3TC)/
10:15-10:30	Tea/Coffee Break		
10:30-11:45	Industrial Drying Practice: Energy, Food, Biotech and Pharmaceuticals	Prof A.S. Mujumdar / Sachin Jangam	Minerals, Metals, and Materials Technology Centre (M3TC), NUS
11:45-12:45	Recent Developments and R&D Opportunities	Prof. A.S. Mujumdar / Sakamon Devahastin	Institute of High Performance Computing, Singapore
12:45-13:00	Closing/Open Forum		

Who should attend?

Senior undergraduate students and graduate students/ faculty members as well as industry personnel in Chemical, Mechanical/Environmental/Energy/Food/Pharmaceutical Engineering/processing. The content will be suitable for scientists as well as technologists and engineers. Workshop Proceedings will be available as freely downloadable e-book at www.m3tc.sg.

Contact for registration: Dr. Sachin V. Jangam, Tel.: (65) 6516 8870, E-mail: sachinjangam1@gmail.com
For details and updates, please visit <http://serve.me.nus.edu.sg/arun/> and <http://www.eng.nus.edu.sg/m3tc/>

***** Admission is free but seats are limited and allocated on first-come-first-served basis *****

- Tentative programs subject to minor changes

About speakers



Prof. Arun S Mujumdar has published over 400 papers and is Editor-in-Chief of the journal *Drying Technology*. As the world's top contributor to archival literature on drying and editor of over 70 books, author of three books and founding Program Chairman of the IDS series started in 1978, he is globally known as the Drying Guru. He was professor of chemical engineering at McGill University, Canada until 2000, after which he moved to NUS, Singapore where he is Professor of Mechanical Engineering. Visit <http://serve.me.nus.edu.sg/arun> for details.

Dr. Sakamon Devahastin is Associate Professor of Food Engineering, King Mongkut's University of Technology Thonburi (KMUTT) in Bangkok, Thailand. His main research interests are in drying of foods and biomaterials, from the development of novel drying technologies for heat- and oxygen-sensitive materials to the study of their physico-chemical changes during drying, and also in particulate systems and computational fluid dynamics and heat transfer. He has so far published more than 90 papers in referred international journals. He is an author/co-author of 10 book chapters and editor of two books on drying and food engineering..



Dr Sachin Jangam received his PhD in Chemical Engineering from Institute of Chemical Technology, Mumbai and is a Research Fellow at NUS working on experimental and modeling of drying processes. He is co-editor of 5 e-books and author of several papers on drying including screw conveyor drying, coal and biomass drying, fluid bed drying, solar drying etc. He has worked on drying of various food products as major part of his Ph D thesis using heat pump and freeze drying systems
