



The 5th Asia-Pacific Drying Conference (ADC07) August 13–15, 2007, Hong Kong, China

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CONFERENCE REPORT

The 5th Asia-Pacific Drying Conference (ADC07) August 13–15, 2007, Hong Kong, China

The 5th Asia-Pacific Drying Conference (ADC07) was successfully held during August 13–15, 2007, at the conference venue on the campus of the Hong Kong University of Science and Technology, Hong Kong.

This conference received 245 abstracts by authors from 33 countries and regions. Later, 218 full papers were submitted by the authors for review. With a rigorous review process involving two peer review reports for each paper, 9 papers were rejected. The revised papers were carefully reviewed again, following which 195 papers were edited and published in the conference proceedings. The total page count of the two-volume proceedings, published by World Scientific (ISBN: 13 978-981-277-998-4) is 1361. A few copies of the proceedings are available for sale at the conference price; please send your order to adc07@ust.hk should you wish to purchase a set. Selected papers will be published in special issues of *Drying Technology*, *Applied Thermal Engineering*, *Chinese Journal of Chemical Engineering*, and *International Journal of Food Engineering*.

There were 166 registered delegates from 29 countries and regions. The top five countries or regions in terms of the number of delegates except Hong Kong (15) are China (40), Thailand (15), Japan (14), Malaysia (9), and Australia (7).

Professor Arun S. Mujumdar, the founder and honorary chairman of IDS, delivered a plenary lecture after the opening ceremony. There were a total of 12 keynote lectures invited, including one from industry. Details can be found from the technical program at the conference Web site.

The conference received generous sponsorships from the School of Engineering, The Hong Kong University of Science and Technology; K.C. Wong Education Foundation Fund; Taylor & Francis Group; Pinches Consolidated Industries; Pueschner Microwave Power System; Institute of Chemical Engineering – Chemical Industry and Engineering Society of China; Shandong Tianli Drying Equipment Ltd.; Changzhou Yibu Drying Equipment Co. Ltd.; TianHua Institute of Chemical Machinery & Automation; and Wuxi City Linzhou Dryer Factory. World Forum of Crystallization, Filtration and Drying (WFCFD) sponsored an award.

The following colleagues were recognized during the conference for their contributions to drying research, development and community service.

- Certificate of Merit, Drying Technology
 - Professor Xiao Dong Chen
 - Professor Guohua Chen
- Young Scientist of Drying in Asia-Pacific Region
 - Professor Sakamon Devahastin
- Excellence in Drying Research
 - Professor Xiao Dong Chen
- Excellence in Drying Process Innovation
 - Professor Ingvald Strømmen
- Outstanding Contribution to Drying Community
 - Dr. George Srzednicki

This conference also granted the first Arun S. Mujumdar Medal, a prestigious award established by students and friends of the Drying Guru in his name, to recognize a person who has made outstanding contributions to drying R&D, mentoring younger generations and promoting drying research on a truly global scale. A picture of the medal is available at our conference Web site.

The first recipient of the Arun S. Mujumdar Medal is Professor Czeslaw Strumillo of Lodz Technical University, Poland, who is well known to the world drying community for his extensive pioneering contributions to drying research and service to the international community as well as for mentoring several outstanding researchers in drying. This medal recognizes outstanding contributions to research, service, and mentoring—a unique combination of fields of excellence critical to the continuing progress of drying R&D.

The World Forum of Crystallization, Filtration and Drying (WFCFD) granted its Award of Excellence to Professor Guohua Chen. This is an award administrated by WFCFD independent of the ADC07.

The winners of the best poster and best papers are

Best Poster:

- S.M.A. Rahman, T.H. Kim, and A.S. Mujumdar for the poster entitled “An Experimental Study of an Atmospheric Freeze Drying System Using a Vortex Tube and Multimode Heating.”

Best Papers:

- K.C. Patel and X.-D. Chen for the paper entitled “Sensitivity Analysis of the Reaction Engineering Approach for Modeling Spray Drying of Whey Protein Concentrate.”
- G.R. Askari, Z. Emam-Djomeh, and S.M. Mousavi for the paper entitled “Combined Effects of Coating and Microwave Assisted Hot Air Drying on Kinetics Color Change of Apple Slices.”
- S.J. Kowalski and A. Rybicki for the paper entitled “Rehydration of Stressed Bodies after Drying.”

The Distinguished Awards of the Conference, initiated by the conference chairman and endorsed by the chairman of the awards committee, go to Professor Arun Mujumdar for his visionary move in establishing IDS, his continuous promotion of global drying R&D, his outstanding achievements in drying R&D, and his successful mentoring

of young generations of drying researchers; and to Mrs. Purnima Mujumdar for her sustained outstanding support and service contributions to drying community.

During the conference, the members of the editorial board or guest editors of *Drying Technology* had a dinner meeting with the sponsorship from Taylor & Francis. The current status of the journal was reported and future strategies of further development were discussed.

Photos taken during the conference are available online at the conference Web site, <http://ihome.ust.hk/~adc07>

The 6th Asia-Pacific Drying Conference (ADC09) will be organized by Professor Sakamon Devahastin of King Mongkut's University of Technology Thonburi (KMUTT), Bangkok, Thailand, in 2009. More information will be available soon in this journal.

Professor Guohua Chen
Hong Kong, China