

Conference report : 'Joint symposium and meeting of the European Federation of Chemical Engineering drying working party and the Dutch drying working party on May 1993 at the Jaarbeurs Congress Centre in Utrecht and on May 14, 1993 at the Technical University in Eindhoven, the Netherlands

Citation for published version (APA):

Coumans, W. J. (1994). Conference report : 'Joint symposium and meeting of the European Federation of Chemical Engineering drying working party and the Dutch drying working party on May 1993 at the Jaarbeurs Congress Centre in Utrecht and on May 14, 1993 at the Technical University in Eindhoven, the Netherlands. *Drying Technology*, 12(1-2), 1761-1763. <https://doi.org/10.1080/07373939408962201>

DOI:

[10.1080/07373939408962201](https://doi.org/10.1080/07373939408962201)

Document status and date:

Published: 01/01/1994

Document Version:

Publisher's PDF, also known as Version of Record (includes final page, issue and volume numbers)

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.tue.nl/taverne

Take down policy

If you believe that this document breaches copyright please contact us at:

openaccess@tue.nl

providing details and we will investigate your claim.

Download date: 04. Oct. 2023

Conference Report

JOINT SYMPOSIUM and MEETING
of the European Federation of Chemical Engineering
DRYING WORKING PARTY and DUTCH DRYING WORKING PARTY
held
on May 13, 1993 at the Jaarbeurs Congress Centre in Utrecht
and on May 14, 1993 at the Technical University in Eindhoven,
the Netherlands

Program Chairman and Organiser: Dr. W.J. Coumans

A brief summary of the highlights:

- Covered following themes in sessions (15 lectures): Drying of Paper, Sludge, Agricultural, and Bio-Products, Drying by Supercritical Extraction, Scale-up of Dryers, Diffusivities in Shrinking Systems.
- 120 participants in Utrecht and 35 in Eindhoven from Belgium, Belorussia, Czech Republic, Finland, France, Germany, Great Britain, Hungary, the Netherlands, Norway, Poland, Sweden and Yugoslavia.
- Meeting of E.F.Ch.E. - Drying Working Party
 - Communications on the future events:
 - CHISA'93 in Prague (August 1993)
 - International Drying Symposium (IDS'94) in Brisbane, Australia
 - IDS'96 in Cracow, Poland
 - Polish National Drying Symposium in June 1994 in Warsaw
 - Dr. W.J. Coumans (Eindhoven University of Technology, the Netherlands) was elected as the new chairman of the DWP for the coming two years.
 - New candidates were approved.
 - Possible activities of the DWP were discussed (organising: bi-annual meetings, joint meetings with other working parties; simulating cooperation between members, exchange of staff members and PhD students, exchange of ideas on research priorities, education and national activities).
 - Next meeting of the DWP will be held in May 1994 in Maastricht or Liege.

Professor Czeslaw Strumillo

The full technical program of the Joint Symposium of the E.F.Ch.E. - Drying Working Party and Dutch Drying Working Party is reproduced below:

Utrecht, 13 May 1993

- 1. Recent Work in Paper Drying Research**
S. Stenstrom and R. Wimmerstedt, Sweden
- 2. Sorption Isotherms for Multicomponent Protein Mixture**
W. Kamiński, C. Strumillo and M. Al-Bezweni, Poland
- 3. Atmospheric Contact Drying of Granular Beds Wetted with a Binary Mixture**
W. Blumberg and E.U. Schlünder, Germany
- 4. Quality Interaction during Drying of Bioproducts in a Jet Spouted Bed Dryer**
A. Markowski, Poland
- 5. Intensification of Heat and Mass Transfer during Drying of Labile Materials**
E.G. Tutova (Belorussia), C. Strumillo, I. Zbiciński, Poland
- 6. Scale-up of Spray Dryers on the Basis of Laboratory-Scale Experiments**
R. Bellinghausen, G.J. Esper and D. Gehrman, Germany
- 7. Production and Design of Dryers in Czech and Slovak Republic**
B. Cermak, Czech Republic
- 8. Quality Problems in Micro-Wave Drying**
F. Zagrouba and M.A. Roques, France
- 9. Drying of Sludge**
M. Karlsson, Finland
- 10. Intermittent Drying of Agricultural Materials**
I. Farkas, Hungary

Eindhoven, 14 May 1993

- 1. Molecular Transport Phenomena in Supercritical Extraction**
C.A. Lockemann and E.U. Schlünder, Germany
- 2. Comparison of the Drying Process of Silica-Based Gels by Supercritical Extraction in CO₂ and Supercritical Drying in Native Solvent**
C. Strumillo, Z. Pakowski and G. Rogacki, Poland
- 3. Effect of Porous Carrier on Quality of Thermosensitive Products during Vibro-Fluidized-Bed Drying**
I. Zbiciński, C. Strumillo, Poland
- 4. Convective Drying of *Lactobacillus plantarum***
G. Meerdink, K. van't Riet and L.C. Lievense, the Netherlands
- 5. Diffusivities in Shrinking and Porous Systems**
W.J. Coumans and P.J.A.M. Kerkhof, the Netherlands

CONGRESS CHISA'93

The 11th Congress of Chemical Engineering, Chemical Equipment Design and Automation (CHISA'93) was held in Prague on 29 August-3 September 1993.

The Congress which was attended by over 1,000 participants from 52 countries encompassed a very broad spectrum of problems connected with chemical engineering (science, R & D, industrial practice, etc.).

Congress sections were focused on general chemical engineering, reaction and process engineering, computer science and chemical engineering, chemical plant design, phase equilibria and fluid properties, process and equipment for separation, heat transfer, drying, hydrodynamics and particulate solids.

Environmental protection, safety promotion and energy conservation penetrated into all Congress topics.

Special, parallel events accompanied the Congress:

- ILASS (Institute of Liquid Atomization and Spray Systems) - EUROPE - 9th Annual Conference
- 4th International Workshop on Heat Pumps Research and Applications: Energy, Economy and Environment
- Symposium on Kinetics in Design of Mechanism, Catalyst and Reactor
- Symposium on Dynamics of Catalytic Systems DCS'93
- Symposium on Hazardous Waste Treatment
- World Forum of Technology Transfer FOTET'93
- Microsymposium on the Role of Micromixing in Reaction Engineering, Precipitation and Polymerisation

A brief summary of drying sections (J)

- two lecture sessions
- 11 contributions were presented from Austria, Bulgaria, Czech Republic, FRG, Poland, Romania, Russia, Spain, Switzerland and Yugoslavia
- 23 posters from 23 countries
- The topics covered: vacuum osmotic dehydration, fluidized bed drying, quality interaction, drying of food and biotechnology products, drying in waste treatment in food industry, energy aspects etc.
- one-page abstracts were available printed as volume J (71 pp.)
- full texts can be ordered at the Congress office (CHISA Congress or Czech Society of Chemical Engineering, P.O. Box 857, 111 21 Praha 1, Czech Republic).