

J. Werther (Ed.)

Circulating Fluidized Bed Technology VI



Proceedings of the 6th International Conference
on Circulating Fluidized Beds
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DECHEMA e.V.

Preface

The present International Conference on Circulating Fluidized Beds is the sixth of a series that started in 1985 in Halifax, Canada. The conferences following took place 1988 in Compiègne, France, 1990 in Nagoya, Japan, 1993 in Hidden Valley, USA and 1996 in Beijing, P.R. China.

The conference programme contains three plenary lectures and 153 oral presentations which are collected in the present proceedings volume. CFB-6 gives a comprehensive overview on the current status of research, development and application of circulating fluidized bed systems. The programme documents some recent trends:

- Computational Fluid Dynamics is gradually becoming a tool for the investigation and simulation of circulating fluidized beds although the proper consideration of the intense fluid-particle and particle-particle interactions is still a great challenge.
- Increasing attention is being paid to processes and systems where the solids are circulating.
- In addition to the traditionally strong application of circulating fluidized beds in the fields of fluid catalytic cracking and combustion, new applications are emerging in ore processing, for solids processing in general and for heterogeneously catalyzed gas phase reactions.

Participation from all over Europe in the Scientific Committee made the organization of this Conference a truly European effort. The members were

U. Arena	University of Naples, Italy
A. Cabanillas	C.I.E.M.A.T., Spain
K. Dam-Johansen	Technical University of Denmark, Denmark
W. Frey	BASF Aktiengesellschaft, Germany
D. Geldart	University of Bradford, Great Britain
I. Gulyurtlu	ITE-INETI, Portugal
H. Helmrich	Chemetall GmbH, Germany
H. Hofbauer	University of Vienna, Austria
A. Kather	Alstom Energy, Germany
R. Kuivalainen	Foster Wheeler Energia Oy, Finland
J. Lambertz	Rheinbraun AG, Germany
J.F. Large	University of Compiègne, France
B. Leckner	Chalmers University of Technology, Sweden
L. Plass	Lurgi AG, Germany
L. Reh	ETH Zürich, Switzerland
H.-D. Schilling	VGB, Germany
O. Simonin	Institut National Polytechnique, Toulouse, France
W.P.M. van Swaaij	Twente University, Netherlands
W. Thielen	L. & C. Steinmüller GmbH, Germany
K.-E. Wirth	University Erlangen-Nuremberg, Germany

The members of the Scientific Committee devoted much of their time to the organization of the conference by acting as topic coordinators and in the reviewing process. The chairmen would like to take this opportunity to express their sincere thanks to the many reviewers of the manuscripts who helped to maintain the high scientific standards of this conference.

O. Molerus

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