



ISCRE 13

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M. P. Duduković
Washington University
St. Louis, MO

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Columbia, MD

C. J. Pereira
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Columbia, MD

CALL FOR PAPERS

13TH INTERNATIONAL SYMPOSIUM ON CHEMICAL REACTION ENGINEERING

STOUFFER HARBORPLACE HOTEL
Baltimore, Maryland, USA
September 25-28, 1994

Program Committee:

J. A. Dumesic
University of Wisconsin

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Universitat Stuttgart

J. M. H. Fortuin
University of Amsterdam

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University of Ghent

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Engineering

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University of Houston

P. Trambouze
Institut Francais du
Petrole

V. W. Weekman
Mobil Oil

CHEMICAL REACTION ENGINEERING: SCIENCE AND TECHNOLOGY

This symposium will take a broad interest in the engineering aspects of chemically reactive systems. Topics can range from the molecular level to the scale of reactors and processes. Topical areas may include, but are not restricted to:

- Emission Control
- Catalyst Design
- Reactors for Materials Processing
- Mixing and Reactions
- Reactor Modeling and Scale-up
- Reactor Dynamics and Safety
- Reaction Engineering at the Molecular Level
- Environmentally Benign Processing
- Waste Minimization & Remediation
- Polymerization Reactors
- Reactions of Solids
- Kinetics of Complex Mixtures
- Biochemical Reaction Engineering

The Program Committee would like to especially encourage contributions dealing with the environmental applications of chemical reaction engineering.

Extended abstracts should be sent by January 15, 1994 to:

Dr. Carmo J. Pereira
W. R. Grace & Co.
Research Division
7379 Route 32
Columbia, Maryland 21044
(410) 531-4335 (telephone)
(410) 531-4491 (fax)

Abstract preparation guidelines and authors' timetable are provided on the reverse side. For meeting registration information, please fill out the attached form and return to Dr. Pereira at your earliest convenience.

Meeting Co-sponsors:

ACS/I&EC Div., AIChE, CSChE and EFChe/Working Party on CRE.

ISCRE 13

CHEMICAL REACTION ENGINEERING: SCIENCE AND TECHNOLOGY

Baltimore, Maryland, USA has been selected as the site for ISCRE 13. This meeting will provide an international forum for review and discussion of the current status and future direction of reaction engineering research. Selection of papers for presentation at the meeting will be based on extended abstracts. Authors of papers accepted for the meeting will be invited to prepare full manuscripts for submission to Chemical Engineering Science (CES).

Presenter's Timetable

January 15, 1994	Two-page extended abstracts received by Dr. C. J. Pereira (8.5" x 11" pages).
March 30, 1994	Abstract selection completed. Presentation and poster sessions planned. Acceptance or rejection letters mailed to authors.

Author's Timetable

June 15, 1994	Full manuscripts received by the Berkeley editorial offices of CES.
September 2, 1994	Paper selection completed. Authors informed of CES reviewers' comments and decision on publication of paper.
October 10, 1994	Final deadline for receipt of corrected manuscripts by Pergamon Press.
November 18, 1994	Proofs dispatched to authors from Pergamon Press.
December 2, 1994	Corrected proofs received by Pergamon Press.
January 20, 1995	Special issue of CES mailed to all ISCRE 13 participants.

Abstract preparation guidelines:

The extended abstract should be typed single-spaced using a 12 pt Times Roman font (or equivalent) and have a 1-inch margin on all sides. The title should be fully capitalized and centered. After a blank line, authors' names, affiliation and address should be listed (centered). After another blank line, the text of the abstract should begin. The abstract should discuss the scope of the work and contain typical results that will be presented at the meeting. Tables and figures may be included but should fit within the 2-page limit; captions should be centered over the top. The extended abstracts will be reproduced, bound, and handed out at the meeting.

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER

AIMS AND SCOPE OF THE JOURNAL

The *International Journal of Heat and Mass Transfer* seeks to provide a central vehicle for exchange of basic ideas in heat and/or mass transfer between research workers and engineers located throughout the world. Only those papers that convey original unpublished research of permanent interest—analytical, numerical and/or experimental—and featuring explicitly heat and/or mass transfer, will be accepted for publication. In all cases, the highest priority is given to those contributions which increase our basic understanding of transfer processes and of their application to engineering problems.

As a service to the readers, an international bibliography of recent papers in heat and mass transfer listed by title, author and source appears regularly in the *International Journal*. Reviews of new books on heat and mass transfer are also published in the journal.

Technical notes may also be submitted. In some cases, an alternate route for a much faster publication of a technical note or a short paper may be the *International Communications in Heat and Mass Transfer* journal. This companion journal, also published by Pergamon Press with the same Board of Editors, serves as a world forum for the rapid dissemination of new ideas, new measurement techniques, preliminary findings of ongoing investigations, discussions, and criticisms in the field of heat and mass transfer.

GENERAL INFORMATION FOR AUTHORS

Manuscript submission

Three copies of the manuscript should be submitted to a member of the Board of Editors whose office is situated in the country of the paper's origin (see front inside page). If there is no such editor, the manuscript should be sent to that editor whose office is in the nearest country having the language of the manuscript. If special obstacles preclude the above, the manuscript should be sent to a Co-Chairman of the Editorial Advisory Board. The original drawings should be retained by the author until the conclusion of the review process. The manuscript must be accompanied by a statement that it has not been simultaneously submitted for publication elsewhere. Papers appearing in conference proceedings or in collections of conference papers will not be considered for publication.

Preparation of text

Manuscripts should be typed double-spaced on one side of the page only and with adequate margins. This applies not only to straight text and mathematical equations but also to the following elements: titles and headings, names and addresses, abstracts, nomenclature, acknowledgements, references, appendices, tables, figure captions and footnotes. A font size smaller than 12-point will not be acceptable. Manuscripts should not normally exceed approximately 30 pages (10 pages for technical notes) with each individual figure number page being counted as one page of text. All pages should be numbered. The language of the manuscript should be English; however, the editors recognize that some manuscripts will be submitted in other languages, and the journal is prepared to publish them. If the manuscript is in a language other than English, an English translation of the title and abstract should be included.

Order of presentation

Manuscripts should in general be organized in the following order: title, name(s) of author(s) and his (their) complete affiliation(s) including zip code(s), Abstract (not exceeding 100 words), Nomenclature, Introduction, main body of paper, Acknowledgements, References, Appendices, tables, Figure Captions, and figures.

Nomenclature

The nomenclature list should be in alphabetical order with Greek symbols, also in alphabetical order and with a separate heading, following the alphabetical listing. Subscripts and superscripts should follow Greek symbols and should be identified with separate headings. Units should be included only when necessary for the understanding of the textual material.

Units

The SI system of units should be used throughout; however, English units may be included parenthetically.

Equations

All mathematical equations should be carefully typewritten and checked so that a compositor can follow the copy easily. Equation numbers should be Arabic numerals enclosed in parentheses on the right-hand margin. They should be cited in the text as, for example, equation (18), or equations (21)–(27).

References

References to cited literature should be identified in the text in square brackets and grouped at the end of the paper in numerical order of appearance. Double spaced typing must be used throughout. References should be styled and punctuated according to the

following examples: journal article [1]; book [2]; thesis [3]; report [4]; proceedings [5]; and edited book [6].

1. E. Sutanto, H. T. Davis and L. E. Scriven, Adaptive finite element analysis of axisymmetric freezing, *Int. J. Heat Mass Transfer* **35**, 3301–3312 (1992).
2. A. Bejan, *Heat Transfer* (1st Edn), p. 416. Wiley, New York (1992).
3. C. Chang, Heat transfer analysis of two-phase dispersed flow, Ph.D. Thesis, University of Illinois, Chicago, Illinois (1991).
4. E. Book and H. Bratman, Using compilers to build compilers, SP-176, Systems Development Corp., Santa Monica, California (Aug. 1960).
5. E. R. G. Eckert, Classical and modern in heat transfer, *Proceedings of the Ninth International Heat Transfer Conference*, Vol. 1, pp. 17–27. Hemisphere, Washington, D.C. (1990).
6. J. F. Thompson, Grid generation. In *Handbook of Numerical Heat Transfer* (Edited by W. J. Minkowycz, E. M. Sparrow, G. E. Schneider and R. H. Pletcher), Chap. 21. Wiley, New York (1988).

Always give inclusive page numbers for references to journal articles and a page or chapter number for books. Each reference must be cited in the text.

Tables

Tables should be numbered consecutively with Arabic numerals. Each table should be typed on a separate sheet of paper and be fully titled. All tables should be referred to in the text.

Figures

All diagrams, photographs and charts are to be referred to as figures, and should be numbered consecutively with Arabic numerals in the order in which they are cited in the text. All figures should have captions which should be supplied on a separate sheet. They should be referred to in the text as, for example, Fig. 12, or Figs. 13–18. Each original figure should be identified in the margin or on the back with the figure number and author's name.

Diagrams. Ideally, diagrams should be drawn and lettered in black ink on a good quality artboard, drafting film or tracing paper, for same size reproduction or alternatively for 50% reduction. All incidental lettering should be contained within the overall parameters of the diagram wherever possible, i.e. the key to a diagram should be drawn in a convenient section of the diagram, and not outside to the right or left.

Computer-generated diagrams. It is essential that the computer-generated diagrams be produced on a good quality paper using sharp, dense lines and characters.

Photographs. Photographs should be black-and-white glossy prints and as rich in contrast as possible. Where photographs are grouped, then each separate figure should be numbered on the bottom left-hand corner of the photograph.

Four-colour figures

Colour figures will be considered for publication; however, the author(s) will be required to bear the full cost involved in their printing and publication. The publishers will advise the author(s) of the cost on receipt of the paper.

Refereeing procedures

The editor dealing with the paper will send it to two referees who will advise the editor on the acceptability of the paper for the journal. The editor will communicate the decision on publication to the corresponding author. The corresponding author may be asked to resubmit the paper in a modified form.

Transfer of copyright

All papers accepted for publication must be accompanied by a copyright release form signed by the author. This form will be provided by the editor.

Publication

Following acceptance of the paper, the editor will transmit it to the Publisher, who will typeset the paper and provide one set of page proofs to the corresponding author. The proofs should be checked and returned promptly. Authors will be charged for excessive proof changes. An order form for reprints will accompany the proofs.

To help us with planning, please return the completed form to: Dr. C. J. Pereira, W. R. Grace & Co., Research Division, 7379 Route 32, Columbia, Maryland 21044, USA.

_____ I plan to submit an abstract by January 15, 1994.

_____ I plan to attend but do not plan to present a paper.

Title/Name: _____

Affiliation: _____

Address: _____

City: _____ State/Country: _____ Zip Code: _____

Phone No. _____ Fax No. _____

Tentative Title of Paper: _____
