

INTERNATIONAL CONFERENCE ON CHARACTERIZATIONS  
OF PROBABILITY DISTRIBUTIONS AND THEIR APPLICATIONS  
TO THEORETICAL STATISTICS AND APPLIED FIELDS

An international conference on characterizations of probability distributions and their applications to theoretical statistics and applied fields is tentatively planned for the summer of 1973 in Europe or in the United States at the Pennsylvania State University. The exact time and place will be fixed later.

The purpose of the conference is to bring together research workers investigating problems that have motivation in scientific concepts and formulations or that have application or potential use for statistical theory and applied fields. It is tentatively planned that the conference will consist of two parts.

Part I will consist of ten consolidated review sessions to be held in the mornings. Each topic selected for a consolidated review session will have two lectures followed by discussion. Colleagues who have had considerable experience and expertise in subject areas of characterizations will be invited to present unified, self-contained and critical reviews with suggestions for future directions.

Part II of the conference will be devoted to new contributions to the field of characterizations and applications. Afternoon sessions are planned for this purpose. Any new contribution will be welcomed.

Plans are being made for publication of the proceedings in a suitable form. For improved interaction and quality, every potential presentation will have the benefit of advice and review from a couple of referees and/or preplanned discussants.

An organizing committee has been formed and is likely to be expanded. The following colleagues have expressed interest and willingness to serve on the organizing committee: W. L. Harkness (U.S.A.), I. Kotlarski (U.S.A.), E. Lukacs (U.S.A.), P. A. P. Moran (Australia), J. E. Mosimann (U.S.A.), G. P. Patil (U.S.A., Chairman), C. R. Rao (India), and Henry Teicher (U.S.A.).

Comments and suggestions are invited on any matter pertaining to the proposed conference. One or two copies of relevant literature in the form of reprints, reports, lecture notes, dissertations, books, etc., would also be welcome for display during the conference. Correspondence may be addressed to: Professor G. P. Patil, Characterizations Project, 330 McAllister Building, The Pennsylvania State University, University Park, Pennsylvania 16802, U.S.A.

Review Papers for the

## *Advances in Applied Probability*

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The Editorial Board would like to encourage the submission to the *Advances* of Review Papers summarising and coordinating recent results in any of the fields of Applied Probability. The papers should be approximately 40–50 printed pages in length.

In addition to these Review Papers, *Advances* is also designed to be a medium of publication for (1) long research papers in Applied Probability, which may include expository material, (2) expository papers on branches of mathematics of interest to probabilists, (3) papers outlining areas in the biological, physical, social and technological sciences in which probability models can be usefully developed, and finally, (4) papers in Applied Probability presented at conferences which do not publish their proceedings.

In short, the main function of *Advances* is to define areas of recent progress and potential development in Applied Probability. As with the *Journal of Applied Probability*, *Advances* undertakes to publish papers accepted by the Editors within 15 months of their submission.

The Editorial Board consists of E. Sparre Andersen, D. Blackwell, B. Gnedenko, J. Hájek, E. J. Hannan, D. G. Kendall, J. F. C. Kingman, K. Krickeberg, R. M. Loynes, P. A. P. Moran, J. Neveu, K. R. Parthasarathy, R. Pyke, C. A. B. Smith and L. Takács. The Editor-in-Chief is J. Gani, and the Editorial Office of the *Advances* is in the Department of Probability and Statistics, The University, Sheffield, S3 7RH, England.

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E. Arjas	On the use of a fundamental identity in the theory of semi-Markov queues
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M. Rudemo	Doubly stochastic Poisson processes and process control
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Manuscripts should be written in English or French; manuscripts in other languages may be accepted by the Editors, but will appear (subject to the author's agreement) in English or French translation in the *Journal*.

It will be of help to the Editors if the following conventions are adopted:

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d) Indices and subscripts should be clearly distinguished, using the marking  $\sqrt[4]{\quad}$ ,  $\wedge_4$  where necessary.

Authors will receive only first proofs for correction; charges will be made for excessive alteration to these.

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