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INTERNATIONAL CONFERENCE ON STOCHASTIC POINT PROCESSES

An International Conference on the topic *Stochastic Point Processes; Statistical Analysis, Theory and Applications* will be held at the IBM Research Center, Yorktown Heights, New York on 2–7 August 1971, the week before the International Statistical Institute meetings in Washington, D.C. The organizing committee consists of D. R. Cox and P. A. W. Lewis, Chairmen, M. S. Bartlett, J. Gani, K. Matthes, P. A. Moran, E. Parzen R. Pyke, W. L. Smith and D. Vere-Jones.

The aim of the conference is to bring together mathematicians and statisticians working in this field together with workers in applied fields, such as ecology, neurophysiology, traffic studies, reliability, geography, forestry, epidemiology and geophysics. Consequently, there will be three categories of papers presented at the conference:

(i) survey papers on the mathematical theory, statistical analysis and models of univariate point processes, multivariate point processes, multi-dimensional point processes and line processes;

(ii) papers on the types of problems involving point processes encountered in fields of application such as ecology, neurophysiology, physics, forestry, reliability, traffic, geography, etc.

(iii) a limited number of contributed papers on new work in the field.

It is hoped to have the survey papers available before the conference and also to print a compilation of open problems for discussion at the conference. Problems for inclusion should be submitted on not more than one typewritten $8\frac{1}{2} \times 11$ sheet before 30 April 1971, including the author's name and address.

Papers presented at the conference will be published either in *Biometrika*, or in the *Journal of Applied Probability* and *Advances in Applied Probability*, subject to the usual acceptance and refereeing procedures.

Enquiries on and submissions to the conference should be sent to:

Dr. P. A. W. Lewis
Mathematical Sciences Department
IBM Research Center
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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. On acceptance of a Review Paper for publication in the *Advances*, the author will receive £stg. 100 (U.S. \$240).

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