

PROCEEDINGS OF THE
TENTH INTERNATIONAL
CONFERENCE ON COSMIC RAYS

(PART 2)

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Foreword

The Tenth International Conference on Cosmic Rays was held from 19 to 30 June 1967 in Calgary, Alberta, under the auspices of the International Union of Pure and Applied Physics, and was sponsored jointly by the University of Calgary and the National Research Council of Canada.

The Proceedings of the Conference have been published in two parts. Part A, published by the University of Calgary, includes the texts of invited and rapporteur survey papers, and a list of the contributed papers which were presented at the Conference. Part B, which comprises this and the following two special issues of the Canadian Journal of Physics, contains the contributed papers which were submitted and accepted for publication.

The arrangement of the papers in these issues is, by subject, as follows (Part 1 being the regular issue of the Journal):

Part 2 Extensive Air Showers
Muons and Neutrinos

Part 3 Origin and Galactic Phenomena
High-Energy Interactions

Part 4 Modulation
Techniques

Within each of these sections the papers appear in the order of their number in the Conference program, with the exception of some short reports which are printed under the heading "Notes" at the end of the appropriate section. One invited paper has been included among the contributed papers and appears at the beginning of the section on Origin and Galactic Phenomena.

A complete list of the contributed papers published in these Proceedings is given at the beginning of Part 2. In Parts 3 and 4 the table of contents includes only those papers which appear in the particular part. The page numbers given in the contents and in the index at the end of each part refer to these special issues and not to the current volume of the Canadian Journal of Physics.

The publication of these Proceedings would not have been possible without the cooperation and assistance of many individuals. We are deeply indebted to the referees who so kindly gave up their free time during the busy Conference schedule and whose valuable comments and suggestions made the task of the editors so much easier. We should like to thank Miss Anne Findlay who assisted during the Conference and Miss Jean Henderson who dealt with the papers after they were accepted. The contribution of the members of the Editorial Office and the stenographic staff of the National Research Council is gratefully acknowledged. We owe particular thanks to Miss Lorraine Ourom and the University of Toronto Press for all their work in the preparation of these Proceedings. Finally, we would like to express our gratitude to the other members of the Papers Committee for their invaluable advice and constant support.

May 1968

MARGARET D. WILSON
Editor

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