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# Machine Processing of Remotely Sensed Data

June 3-5, 1975

SYMPOSIUM PROCEEDINGS

LABORATORY FOR APPLICATIONS OF REMOTE SENSING  
PURDUE UNIVERSITY — WEST LAFAYETTE, INDIANA

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## FOREWORD

These *Proceedings* are made up of the contributed papers presented at the second international conference on Machine Processing of Remotely Sensed Data held at Purdue University, June 3-5, 1975.

The purpose of this symposium was to bring together engineers, scientists and other interested individuals for an in depth presentation of new results in the theory, technology and application of computer processing of remotely sensed data. In addition to the regular papers published in full in these *Proceedings* there are also included titles and abstracts of the short papers that were presented at the symposium. It is hoped that these *Proceedings* will serve as a record and reference for those attending the symposium and as a source of current research information for those unable to attend.

Additional copies of the *Proceedings* may be obtained from the Institute of Electrical and Electronics Engineers Headquarters, 345 East 47th Street, New York, N.Y. 10017.

C. D. McGillem  
Symposium Chairman

SYMPOSIUM  
on  
Machine Processing  
of Remotely Sensed Data

June 3-5, 1975

THE LABORATORY FOR APPLICATIONS OF REMOTE SENSING

PURDUE UNIVERSITY  
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## BANQUET SPEAKER

Astronaut Rusty Schweikart  
Director of User Affairs, NASA  
Office of Applications

*"The View from Space — Values Soft and Hard"*