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Automatic Target Recognition XXI

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Abhijit Mahalanobis
Editors

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Introduction

These proceedings contain the technical papers that were presented at the 2011 conference on Automatic Target Recognition (ATR).

This was the 21st in a series of international conferences that were dedicated to the science and technology of automatic target recognition. Once again this meeting provided the forum for discussing the issues, problems, and solutions associated with the new roles that are being demanded of the ATR technology.

To encourage excellence in research leading to noteworthy publications in the field of ATR technology a few years ago, with help from Lockheed Martin Corporation, we initiated the annual Best ATR Paper Awards. This year we had four winners from Universities of Central Florida, Massachusetts, Pennsylvania, and Fraunhofer-Institut für Optronik, Germany.

We thank the authors, speakers, session chairs, committee members, the SPIE coordinators, and all participants that once again through their enthusiasm and active participation made this year's conference and working group meeting educational, enjoyable, and successful.

Firooz A. Sadjadi
Abhijit Mahalanobis