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Infrared Imaging Systems: Design, Analysis, Modeling, and Testing XXIX

Gerald C. Holst
Keith A. Krapels
Editors

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   David P. Haefner, U.S. Army RDECOM CERDEC NVESD (United States)
   Jonathan G. Hixson, U.S. Army Night Vision & Electronic Sensors Directorate (United States)

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   Eddie L. Jacobs, University of Memphis (United States)
   Joseph P. Reynolds, U.S. Army REDCOM CERDEC NVESD (United States)

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Introduction

This is the 29th year for our conference, Infrared Imaging Systems: Design, Analysis, Modeling, and Testing. Over the years, we have witnessed the creation of IR focal plane arrays, IR scene projectors, MTF measurement techniques, and the Night Vision Integrated Performance Model (NVIPM). As government and private industry interests change, our conference has swings in the number of papers presented and attendees. It is interesting to note the most popular topics: A whole bunch of people come in to listen to a particular paper and then they leave after the paper.

From time to time, we have joint sessions with other conferences. This year, we teamed up with the Long-Range Imaging III conference chaired by Eric Kelmelis. Papers submitted to Eric’s conference will appear in Proceedings of SPIE Volume 10650.

In 2016, our conference committee created two BEST PAPER awards. One is based upon the presentation (selected by the conference committee) and the other the most downloaded in the first 3 months after publication. The most downloaded paper represents the current hot topic. We recommend readers review these outstanding papers.

We are proud to recognize:

2016
Best presentation

Most downloaded paper (first 3 months after publication)

2017
Best presentation

Most downloaded paper (first 3 months after publication)
2018

Best presentation

Most downloaded paper (first 3 months after publication)

Thank you to all who presented, the attendees, and our excellent conference committee.

Gerald C. Holst
Keith A. Krapels