

PROCEEDINGS OF SPIE

Airborne Intelligence, Surveillance, Reconnaissance (ISR) Systems and Applications VIII

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Introduction

Airborne intelligence, surveillance, and reconnaissance systems and applications are gaining importance in numerous areas:

- remote sensing
- airborne surveillance and tracking of vehicles, people, and other objects of interest
- detection of possible threats
- terrorism interdiction.

Advanced sensor technologies, processing capabilities, information extraction techniques, and new ways to more effectively model/characterize system performance are all advancing at a fast pace. At the same time, customers are demanding more functionality in smaller and lighter form factors that use less power and cost less. The purpose of this conference is to provide a broad overview across these areas to highlight both advances and areas that need more improvement in this industry.

The caliber of papers in this conference continues to improve each year. I am honored to present the proceedings of the Airborne Intelligence, Surveillance, Reconnaissance (ISR) Systems and Applications VIII conference.

Daniel J. Henry

