

# PROCEEDINGS OF SPIE

## ***Detection and Sensing of Mines, Explosive Objects, and Obscured Targets XVII***

**J. Thomas Broach  
John H. Holloway, Jr.**  
*Editors*

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- 6 Infrared and Electro-Optic II  
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- 7 Infrared and Electro-Optic III  
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- 8 Bulk Explosive Detection  
**John E. McFee**, Defence Research and Development Canada, Suffield  
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- 9 Radar  
**Brian P. Burns**, U.S. Army Night Vision & Electronic Sensors Directorate  
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**Brian C. Barlow**, U.S. Army Night Vision & Electronic Sensors Directorate  
(United States)
- 10 A Melange of Interesting Techniques II  
**Steven S. Bishop**, U.S. Army Night Vision & Electronic Sensors Directorate  
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- 11 Hand-Held Systems  
**Charles A. Amazeen**, U.S. Army Night Vision & Electronic Sensors Directorate (United States)
- 12 Stand-Off Detection Technologies I  
**James M. Keller**, University of Missouri-Columbia (United States)
- 13 Trace Particle/Vapor Explosive Sensing  
**Aaron LaPointe**, U.S. Army Night Vision & Electronic Sensors Directorate (United States)  
**Anna K. Pettersson**, Swedish Defence Research Agency (Sweden)
- 14 Stand-Off Detection Technologies II  
**Robert H. Luke III**, U.S. Army Night Vision & Electronic Sensors Directorate (United States)
- 15 Marine Environment  
**Harold R. Suiter**, Naval Surface Warfare Center Panama City Division (United States)  
**Gerald J. Dobeck**, Naval Surface Warfare Center Panama City Division (United States)
- 16 Signal Processing I: GPR Ground Tracking and Change Detection  
**Richard C. Weaver**, U.S. Army Night Vision & Electronic Sensors Directorate (United States)
- 17 Signal Processing II  
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**Peter A. Torrione**, Duke University (United States)
- 18 Signal Processing III  
**Pete Howard**, U.S. Army Night Vision & Electronic Sensors Directorate (United States)  
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