

Editors

Editor-in-Chief—*Maria S. Greco*
Associate Editor-in-Chief—*Peter K. Willett*
Administrative Editor—*William P. Walsh*
Ass't. Admin. Editor—*Susanne J. Walsh*
Editor Emeritus—*David B. Dobson*
VP Publications—*W. Dale Blair*
AESS President—*Teresa L. Pace*
Executive Assistant, AESS
—*Judy Scharmann*

Contributing Editors

Awards—*Erwin C. Gangl*
Book Reviews Editor—*Darin Dunham*
Conferences—*Mark Davis*
Distinguished Lecturers &
Tutorials—*Kathleen Kramer*
Education—*Kathleen Kramer*
History—*Hugh D. Griffiths*
Student Research—*Wenbo Dou,*
John Glass
Technical Panels—*Walter Downing*
Tutorials Editor—*W. Dale Blair*
Website Updates—*Judy Scharmann*

Associate Editors and Areas of Specialty

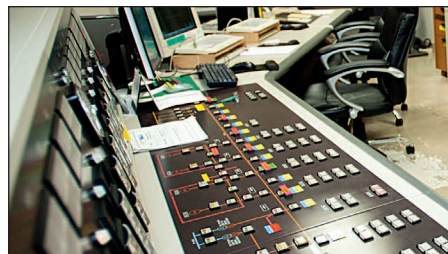
Scott Bawden—*Energy Conversion Systems*
Erik Blasch, Roberto Sabatini—*Avionics Systems*
Domenico Ciuonzo—*Communications, Signal Processing, and Data Fusion*
David Crouse—*Target Tracking*
Mauro De Sanctis—*Signal Processing and Communication in Aerospace Systems*
Michael Braasch—*Navigation, Positioning*
Giancarmine Fasano—*UAS*
Daniel O'Hagan—*Radar Systems*
Open—*Astronautic and Aeronautic Systems*
Haiying Liu—*Control System Engineering and Robotic Systems*
Michael Cardinale—*Electro-Optic and Infrared Systems, Image Processing*
Ruhai Wang—*Systems Engineering*
Peter Willett—*Multi-Sensor Systems*

How to Reach Us

We welcome letters to the editor; but, we reserve the right to edit for space, style, and clarity. Include address and daytime phone number with your correspondence.

Email: sjwalsh4@gmail.com
wpwalsh7@gmail.com
rjanssen@allenpress.com

Publishers: Send books for review to Darin Dunham, Lockheed Martin, 208 Buddy Tate Ln, Meridianville, AL 35759. If you have questions, contact Darin by e-mail at darin.t.dunham@lmco.com.



COLUMNS

In This Issue – Technically	2
From the Editor-in-Chief	3

ARTICLES

Collision Avoidance Radar System for the Bullet Train: Implementation and First Results <i>Aihua Liu, Qiang Yang, Xin Zhang, Weibo Deng</i>	4
The Tracker Component Library: Free Routines for Rapid Prototyping <i>David Frederic Crouse</i>	18
Security of SCADA Systems Against Cyber-Physical Attacks <i>Van Long Do, Lionel Fillatre, Igor Nikiforov, Peter Willett</i>	28
Potential Transmit Beamforming Schemes for Active LPI Radars <i>Wen-Qin Wang</i>	46
Industry Insights: Why It Is Important to Build an Innovation Strategy Through the Project Management Maturity Model <i>Emanuela De Fazio</i>	54

NEWS AND INFORMATION

2017 Robert T. Hill Best Dissertation Award - Call for Nominations	45
IEEE Open Access Publishing	53
2017 Aerospace & Electronics Systems Society Distinguished Lecturers ..	60
IEEE Aerospace & Electronic Systems Society Organization 2017	61
Call for Papers: IEEE Aerospace and Electronic Systems Magazine Special Issue on: Selected Methods and Instrumentation of Metrology for AeroSpace	62
AESS Published Tutorials	63
Meetings and Conferences	inside back cover