

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*
Daniel O'Hagan—*Radar Systems*
Moriba Jah—*Astronautic and Aeronautic Systems*
Haiying Liu—*Control System Engineering and Robotic Systems*
Open—*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



IEEE Aerospace and Electronic SYSTEMS magazine

February 2016

ISSN 0885-8985

Volume 31 Number 2

COLUMNS

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

ARTICLES

Real-Time Autonomous Wildfire Monitoring and Georeferencing Using Rapidly Deployable Mobile Units <i>Javier Perez-Mato, Victor Araña, Francisco Cabrera-Almeida</i>	6
Generic Model of Aircraft Susceptibility to Radar Under Conditions of Electronic Counter Measures <i>Haifang Song, Mingqing Xiao, Lei Zhang, Jiyang Xiao, Delong Feng</i>	16
Lock-In Thermography for Investigation of Impact Damage in Hybrid Polypropylene/Glass Composites <i>Simone Boccardi, Giovanni Maria Carlomagno, Carosena Meola, Domenico Acierno, Giorgio Simeoli, Salvatore Iannace, Luigi Sorrentino, Pietro Russo</i>	26
Instrumentation of the Basic Finner Reference Projectile for Attitude Measurements at Supersonic Velocities <i>Loïc Bernard, Ronan Adam, Dirk Schmoltzi, Clement Thomas, Jürgen Kreitz, Armin Schneider</i>	32

NEWS AND INFORMATION

Call for Papers: AUTOTESTCON 2016	5
Call for Proposals: 2019 IEEE Radar Conference (RadarConf19)	25
Coming in the March SYSTEMS Magazine	31
Conference Report: International Conference on Information Fusion <i>Kathryn Laskey, Paulo C. G. Costa, Erik Blasch</i>	41
The IEEE International Conference on Security Technology Reaches its 50th <i>Gordon L. Thomas</i>	44
Call for Papers: IEEE International Carnahan Conference on Security Technology, 24-27 October 2016	46
2016 Distinguished Lecturers	47
Call for Abstracts: 35th Digital Avionics Systems Conference, 25-29 September 2016	48
Meetings and Conferences	inside back cover