

**In This Issue – Technically** . . . . . 2

## Articles

- ◆ **Radioisotope Detection & Identification at High Speeds** using Passive Sensors . . . . . 3  
*C.R. Jones & R.E. Evans*
- ◆ **An Alternative to Traditional Software Rehosting** . . . . . 9  
*K. Ham*
- ◆ **Technological Evaluation of Two AFIS Systems** . . . . . 13  
*M. Faundez-Zanuy*
- ◆ **Sustainment of Legacy Automatic Test Systems: Lessons Learned** . . . . . 18  
*C. Kennedy*

## Book Review

- ◆ **Radar Systems Analysis and Modeling** . . . . . 23  
*D.K. Barton*

## Conference Reports

- ◆ **New Technology Starts New Era of Space Exploration** . . . . . 26  
*H. Oman*
- ◆ **Radar Imaging and its Operational Use in the Military Field** . . . . . 35  
*G. Abbatangelo & A. Farina*
- ◆ **Waveform Diversity & Design** . . . . . 37  
*P. Woodard & M.C. Wickes*
- ◆ **Ultrawideband and Ultrashort Impulse Signals** . . . . . 38  
*I.J. Immoreev & N.N. Kolchigin*

**Correspondence** . . . . . Inside front cover

## Column

- ◆ **What's Coming? . . . Based on Past Actions . . . Now it is Your Turn to Ask!!!** . . . 41  
*Evelyn H. Hirt*

## News & Information

New AESS Senior Members	41
Picard Medal Nominations Sought	41
Distinguished Lecturers	42
Radar – Our Sight into a Spectrum of Information	43
IEEE AES Organization	44
Ultrawideband Signals and Ultrashort Impulses in Radar, et al	45
IEEE AES Chapters	46
Radar – A Global Perspective	47
Membership Application	48
Directory	Inside Back Cover
Meetings	Back Cover