

# **2011 Tyrrhenian International Workshop on Digital Communications – Enhanced Surveillance of Aircraft and Vehicles**

**(TIWDC/ESAV 2011)**

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<b>FOCUSED SESSION 1</b>	
<b>SESAR</b>	
Chair: <i>C. Baldoni</i> • Co-chair: <i>R. Heidger</i>	
The frame of this session is the provision of surveillance, navigation and separation in a highly integrated ground based and airborne future ATM System aimed at greener, more efficient, more cost-effective and all-safe air transport operations.	

**From identification of requirements to the operational validation of an integrated solution** .....

*Claudio Vaccaro, Gabriella Duca - SICTA, Italy*

**A new concept for ATM Service Supervision for the new SESAR Enterprise Architecture** **9**

*Gabriella Carrozza - SESM s.c.a.r.l., Italy*  
*Stephen Straub - Deutsche Flugsicherung GmbH (DFS), Germany*  
*Hakim Souami - THALES Air Systems, France*

**ADS-B Integration in the SESAR surface surveillance architecture** **13**

*Andrés Soto, Pedro Merino, Jorge Valle - Indra Sistemas S.A., Spain*

**Future mobile satellite communication** **19**

*Pierpaolo Tavernise - THALES Alenia Space, Italy*

**Optimising Runway Throughput through Wake Vortex Detection, Prediction and Decision Support Tools** **27**

*Frédéric Barbaresco, Philippe Juge, Mathieu Klein, Yves Ricci, Jean-Yves Schneider, Jean-François Moneuse - THALES Air Systems, France*

<b>SESSION 2</b>	
<b>REGULATORY AND OPERATIONAL ASPECTS</b>	
Chair: <i>P. Finocchio</i> • Co-chair: <i>C. Rekkas</i>	

**ADS-B and WAM deployment in Europe** **35**

*Christos Rekkas - Eurocontrol, Belgium*

**U.S. Activities in ADS-B Systems Implementation** **41**

*Paul Douglas Arbuckle - US Federal Aviation Administration, USA*

**Detect and avoid for Unmanned Aircraft Systems in the total system approach** **47**

*Filippo Tomasello - EASA, Italy*  
*David Haddon - EASA, Germany*

<b>North Sea Helicopter ADS-B/MLat Pilot Project Findings</b>	<b>53</b>
<i>Paul Thomas - Bristow Helicopters, United Kingdom</i>	

<b>SESSION 3</b>
<b>HIGH RESOLUTION RADAR TECHNIQUES</b>
Chair: <i>J. Besada</i> • Co-chair: <i>D. Kügler</i>

<b>LAOTSE, an Approach for Foreign Object Detection by multimodal netted 2D / 3D Sensors</b>	<b>61</b>
<i>Sebastian Hantscher, Helmut Essen, Paul Warok Ruediger Zimmermann, Martin Schröder, Rainer Sommer, Stefan Lang - Fraunhofer – FHR, Germany Marek Schikora, Klaus Wild, Wolfgang Koch - Fraunhofer – FKIE, Germany</i>	

<b>Millimeterwave Radar for Runway Debris Detection</b>	<b>65</b>
<i>Helmut Essen, Frank P. Lorenz, Sebastian Hantscher, Paul Warok, Ruediger Zimmermann, Martin Schröder - Fraunhofer – FHR, Germany Wolfgang Koch, Marek Schikora, G. Luedtke, Klaus Wild - Fraunhofer – FKIE, Germany</i>	

<b>OFDM Waveforms for a Fully Polarimetric Weather Radar</b>	<b>69</b>
<i>Oleg A. Krasnov, Zongbo Wang, R. Firat Tigrek, Piet van Genderen - Delft University of Technology, The Netherlands</i>	

<b>Polarimetry applied to avionic weather radar: improvement on meteorological phenomena detection and classification</b>	<b>73</b>
<i>Alberto Lupidi, Christian Moscardini, Fabrizio Berizzi - University of Pisa, Italy Andrea Garzelli - University of Siena, Italy Fabrizio Cuccoli - CNIT, Italy Marcello Bernabò - SELEX Galileo S.p.A., Italy</i>	

<b>Principles of Utilization of Polarization Invariant Parameters for Classification and Recognition of Distributed Radar Objects</b>	
<b>Part I. Simplest model of a distributed object paper</b>	<b>79</b>
<i>Victor N. Tatarinov, Sergey V. Tatarinov Tomsk University of Control Systems and Radioelectronics, Russian Federation Piet van Genderen - Delft University of Technology, The Netherlands</i>	

<b>Part II. Multipoint model and correlation theory</b>	<b>83</b>
<i>Victor N. Tatarinov, Sergey V. Tatarinov Tomsk University of Control Systems and Radioelectronics, Russian Federation Piet van Genderen - Delft University of Technology, The Netherlands</i>	

**FOCUSED SESSION 4****NON-COOPERATIVE LOCATION**Chair: *D. Pistoia* • Co-chair: *A. Kawalec*

Scope of the session is to collect state-of-the-art results related to the problem of location of non cooperative targets. Particular emphasis will be given to all those papers addressing passive techniques, both stand-alone and integrating information from active sensors. Processing of signals related to the measurement of radiofrequency and/or IR/VIS/UV signature are of interest. Papers showing results from trials will have priority.

**Enhancing sensitivity for emitter geolocation 89***Göran Tengstrand, Viktor Andersson,**Peter Hultman - SAAB Electronic Defence Systems, Sweden**Dario Benvenuti - ELETTRONICA, Italy**Jean-François Grandin, Luc Bosser - THALES Systèmes Aéroportés, France**Börje Andersson, Anders Johansson - Swedish Defence Research Agency, Sweden***New solution to enhance the security in Air Traffic Control 95***Enrico Anniballi, Roberta Cardinali - SESM s.c.a.r.l., Italy***Solving the Data-Link bottleneck for MPEG Location 101***Jean-François Grandin, Luc Bosser - THALES Systèmes Aéroportés, France**Göran Tengstrand, Viktor Andersson,**Peter Hultman - SAAB Electronic Defence Systems, Sweden**Dario Benvenuti - ELETTRONICA, Italy**Börje Andersson, Anders Johansson - Swedish Defence Research Agency, Sweden***Parasitic Doppler effect in passive location 107***Dario Benvenuti - ELETTRONICA, Italy***An in-air passive acoustic surveillance system for air traffic control 111***Domenico Donisi, Marco Bonamente - D'Appolonia S.p.A., Italy**Vincenzo Quaranta, Salvatore Ameduri - CIRA, Italy***FOCUSED SESSION 5****NON-COOPERATIVE PASSIVE COHERENT LOCATION AND  
MULTISTATIC PRIMARY SURVEILLANCE RADARLOCATION**Chair: *D. Muller* • Co-chair: *V. Stejskal*

The session is aimed to discuss the progress of Passive Coherent Location and other independent non-cooperative surveillance techniques based on radar, like multi-static primary radar.

**On-board PCL systems for airborne platform protection 119***Krzysztof S. Kulpa, Mateusz Malanowski,**Piotr Samczyński, Jacek Misiurewicz - Warsaw University of Technology, Poland**Maciej Smolarczyk - Telecommunications Research Institute, Poland*

**FM Based Passive Coherent Radar.  
From detections to tracks** **123**  
*Radek Plšek, Vojtěch Stejskal, Martin Pelant,*  
*Martin Vojáček - ERA Beyond Radar, Czech Republic*

**High Range Resolution Multichannel DVB-T Passive Radar:  
Aerial Target Detections** **129**  
*Dario Petri, Amerigo Capria - CNIT, Italy*  
*Michele Conti, Fabrizio Berizzi,*  
*Marco Martorella, Enzo Dalle Mese - University of Pisa, Italy*

**Range Only Multistatic Tracking in Clutter** **133**  
*Darko Mušicki, Taek Lyul Song - Hanyang University, Republic of Korea*

<b>SESSION 6</b>
<b>NEW CONCEPTS AND TOOLS</b>
Chair: <i>P. R. Mahapatra</i> • Co-chair: <i>G. Pavan</i>

**Tracker Quality Monitoring by Non-Dedicated Calibration Flights** **141**  
*Matthias Hess, Ralf Heidger - Deutsche Flugsicherung GmbH (DFS), Germany*  
*Jochen Bredemeyer - FCS Flight Calibration Service GmbH, Germany*

**The Transponder Data Recorder: first implementation and applications** **147**  
*Gaspare Galati, Mauro Leonardi, Emilio G. Piracci - Tor Vergata University, Italy*  
*Soumem Samanta - National Institute of Technology, India*

**ADS-B/MLAT surveillance system from High Altitude Platform Systems** **153**  
*Mauro Leonardi, Silvio Spinelli, Gaspare Galati - Tor Vergata University, Italy*

**Space-based ADS-B - A small step for technology a giant leap for ATM?** **159**  
*Adam Parkinson - Helios, United Kingdom*

<b>FOCUSED SESSION 7</b>
<b>MULTILATERATION AND ADS-B (1)</b>
Chair: <i>S. Di Girolamo</i> • Co-chair: <i>S. Atkinson</i>
Aim of the session is a technical discussion on the advantages and limitations of separate WAM and ADS-B systems and the benefits and technical challenges of data fusion in combined systems.

**Strategies to Design and Deploy Mode-S Multilateration Systems** **167**  
*Ivan A. Mantilla-G, Juan V. Balbastre-T,*  
*Elías de los Reyes - Universidad Politécnica de Valencia, Spain*  
*Mauro Leonardi, Gaspare Galati - Tor Vergata University, Italy*

**Correction of systematic errors in Wide Area Multilateration** **173**  
*Jorge Abbud, Gonzalo de Miguel,*  
*Juan Besada - Universidad Politécnica de Madrid, Spain*

**Multilateration system time synchronization via over-determination of TDOA measurements** **179**  
*Martin Pelant, Vojtěch Stejskal - ERA Beyond Radar, Czech Republic*

**Improvement of Multilateration (MLAT) Accuracy and Convergence for Airport Surveillance** **185**  
*Ivan A. Mantilla-G, Juan V. Balbastre-T,*  
*Elías de los Reyes - Universidad Politécnica de Valencia, Spain*  
*Mauro Leonardi, Gaspare Galati - Tor Vergata University, Italy*

**Assessing the safety of WAM over a non-radar surveillance area** **191**  
*James Hanson, Ben Stanley - Helios, United Kingdom*

<b>FOCUSED SESSION 8</b>
<b>MULTILATERATION AND ADS-B (2)</b>
Chair: <i>S. Atkinson</i> • Co-chair: <i>S. Di Girolamo</i>
Aim of the session is a technical discussion on the advantages and limitations of separate WAM and ADS-B systems and the benefits and technical challenges of data fusion in combined systems.

**Implementation of ADS-B Systems Benefits and Considerations** **197**  
*Abraham Barsheshat - Sensis Corporation, USA*

**Investigation of Measurement Characteristics of MLAT / WAM and ADS-B** **203**  
*Klaus Pourvoyeur, Adolf Mathias,*  
*Ralf Heidger - Deutsche Flugsicherung GmbH (DFS), Germany*

**Real Time Performance Monitoring and Noise Analysis in an operational WAM System** **207**  
*Alexander Pawlitzki, Holger Neufeldt - THALES Air Systems GmbH, Germany*

**ADS-B via Iridium NEXT satellites** **213**  
*Paolo Noschese, Silvia Porfili,*  
*Sergio Di Girolamo - THALES Alenia Space, Italy*

<b>Independent Surveillance Broadcast – ADS-B Receivers with DOA Estimation</b>	<b>219</b>
<i>Christoph Reck, Lorenz-P. Schmidt</i>	
<i>Max S. Reuther - University of Erlangen-Nuremberg, Germany</i>	
<i>Alexander Jasch - TU Braunschweig, Germany</i>	

<b>INTERACTIVE SESSION</b>
Chair: <i>P. van Genderen</i> • Co-chair: <i>M. Leonardi</i>

<b>SBAS Availability Improvement Based on the Modified Radar Techniques</b>	<b>225</b>
<i>Boriana Vassileva</i>	
<b>Institute for Information and Communication Technologies, Bulgaria</b>	
<i>Boris Vassilev - Technical University of Sofia, Bulgaria</i>	

<b>Smart concatenation of Correlative Direction Finding and Super-resolution techniques</b>	<b>231</b>
<i>Libero Dinoi, Marco Guerriero, Gianpiero Panci - Elettronica SpA, Italy</i>	

<b>Development of High Performance WAM System</b>	<b>237</b>
<i>Hiromi Miyazaki, Tadashi Koga, Eisuke Ueda,</i>	
<i>Yasuyuki Kakubari, Shirou Nihei - Electronic Navigation Research Institute, Japan</i>	

<b>Machine-Readable Encoding Standard Specifications in ATC</b>	<b>241</b>
<i>Adolf Mathias, Matthias Hess - Deutsche Flugsicherung GmbH (DFS), Germany</i>	

<b>Experimental ADS-B based surveillance</b>	<b>247</b>
<i>Juan A. Besada, Gonzalo de Miguel</i>	
<i>Ana M. Bernardos, José R. Casar - Universidad Politécnica de Madrid, Spain</i>	

<b>ADS-B HILS Test for Collision Avoidance of Smart UAV</b>	<b>253</b>
<i>Changsun Yoo, Am Cho, Bumjin Park</i>	
<i>Youngshin Kang - Korea Aerospace Research Institute, Republic of Korea</i>	
<i>Sangwook Shim, Ilhyung Lee - Korea Advanced Institute of Science and Technology, Republic of Korea</i>	

<b>A genetic algorithm and local search for the automated calculation of dilution of precision of mode-S multilateration systems at airports</b>	<b>259</b>
<i>Ruy F. Ruiz-Mojica, Ivan A. Mantilla-Gaviria, Emilio J. Gómez-Pérez, Juan V. Balbastre-Tejedor, Elias de Los Reyes-Davó - Universidad Politécnica de Valencia, Spain</i>	
<b>Multi-Approach Strategy for Multi-Sensor Data Fusion Enhancement</b>	<b>265</b>
<i>Carlo A. Vertua, Luca Saini - THALES, Italy Olivier Baud, Nicolas Honoré, Peter E. Lawrence - THALES, France</i>	
<b>Automatic Identification of Process Steps in Multilateration Data</b>	<b>271</b>
<i>Stefanie Helm - German Aerospace Center (DLR), Germany</i>	
<b>LIST OF AUTHORS</b>	<b>277</b>

