Monday, July 25, 2005				
16:00	18:00	Registration [Wyndham Ballroom A Foyer]	Registration [Wyndham Ballroom A Foyer]	
18:00	19:50		**Tutorial NT1 [Philadelphia Room North]**	**Tutorial NT2 [Philadelphia Room South]**
			Opportunistic Information Fusion (Prof Subhash Challa)	Signal Processing for Sensor Networks (Prof Raghuveer M. Rao)
19:50	20:10		Break	
20:10	22:00		Opportunistic Information Fusion (Prof Subhash Challa) - Continued	Signal Processing for Sensor Networks (Prof Raghuveer M. Rao) - Continued

Tuesday, July 26, 2005						
7:00	8:00		Author Breakfast [Room 10]			
8:00	9:00		Plenary Speech (Dr. Theodore Bially, Director, DARPA/IXO) [Wyndham Ballroom A]			
			Tracking - Multiple Model Methods (James K Beard) [Philadelphia Room North]	**Image Fusion - Registration Methods (Pramod Varshney) [Philadelphia Room South]**	**Belief Analysis - Bayesian Processing (Pierre Valin) [Room 3 & 4]**	**Applications - Distributed Tracking and Fusion Special Session (David Nicholson & Chee-Yee Chong) [Room 5 & 6]**
9:10	9:30		Manoeuvring Target Tracking with the IMM-VDA Tracker (Barbara La Scala)	Multimodal Image Registration with Applications to Image Fusion (Jamie Heather)	A Bayesian Fusion Approach to Change-points Analysis of Processes (Serge Reboul)	A Stochastic Model for Natural Feature Representation (Suresh Kumar)
9:30	9:50		VS-IMM Using Map Information for a Ground Target Tracking (Benjamin Pannetier)	Robust Multi-Sensor Image Registration by Enhancing Statistical Correlation (Kyoung Soo Kim)	Sequential Auxiliary Particle Belief Propagation (Mark Briers)	Distributed Fusion and Communication Management for Target Identification (Chee-Yee Chong)
9:50	10:10		Pose Angular-Aiding for Maneuvering Target Tracking (Chun Yang)	Sensor Quality Evaluation in a Multi-Camera System (Lauro Snidaro)	A Fusion Process Based on Belief Theory for Classification of Facial Basic Emotions (Alice Caplier)	Vision System for Decentralised Wide Area Surveillance using Multiple Nodes (Richard Alexander)
10:10	10:30		Multiple Model Tracker Based on Gaussian Mixture Reduction for Maneuvering Targets in Dense Clutter (Peter Maybeck)	Sensor Model Appraisal for Image Registration (Eugene Lavely)	Opportunistic Information Fusion: A New Paradigm for Next Generation Networked Sensing Systems (Subhash Challa)	Rich Probabilistic Representations for Bearing Only Decentralised Data Fusion (Ben Upcroft)
10:30	10:50		Morning Break [Wyndham Ballroom A]			
			Tracking - Tracking in Clutter (Alex Chan) [Philadelphia Room North]	**Image Fusion - Classification (George Tadda) [Philadelphia Room South]**	**Belief Analysis - Bayesian and Sensor Networks (John Salerno) [Room 3 & 4]**	**Applications - Network Centric (Sergio Gigli) [Room 5 & 6]**
10:50	11:10		Non-Parametric Target Tracking in Non-Uniform Clutter (Darko Musicki)	Hyperspectral Image Fusion Using Spectrally Weighted Kernels (Baofeng Guo)	Inference with Importance Sampling for Dynamic Bayesian Networks (K. C. Chang)	A Distributed Data Fusion Approach for Mobile Ad-Hoc Networks (Todd Martin)
11:10	11:30		Smoothing Framework for Automatic Track Initiation in Clutter (Rajib Chakravorty)	How Well do Discrete Bayesian Methods Represent a True Model for Each Class? (Robert Lynch)	Learning Articulated Motion Structures with Bayesian Networks (Fabio Ramos)	Quality of Information for Data Fusion in Net Centric Publish and Subscribe Architectures (M. Edwin Johnson)
11:30	11:50		Set Based Tracking in Clutter as a Percolation Process (Fiona Fletcher)	A Comparison of ROC Curves for Label-Fused Within and Across Classifier Systems (Christine Schubert)	KNN Particle Filters for Dynamic Hybrid Bayesian Networks (H. -D. Chen)	Threat Evaluation And Weapons Allocation In Network-Centric Warfare (Martin Oxenham)
11:50	12:10	Registration [Wyndham Ballroom A Foyer]	Clutter Map and Target Tracking (Darko Musicki)	Classification Fusion by Decision Templates for Insulating Part Control (Emmanuel Ramasso)	Adaptive Human Sensor Model in Sensor Networks (Tobias Kaupp)	Surveillance of Wide Areas by Means of a Random Sensor Network: an Heterogeneous Sensor Approach. (Alfonso Farina)
12:20	13:30		Lunch [Wyndham Ballroom A]			
			Tracking - Nonlinear Methods (James K Beard) [Philadelphia Room North]	**Image Fusion - Pattern Recognition (Robert Lynch) [Philadelphia Room South]**	**Belief Analysis - AI Techniques (Simon Julier) [Room 3 & 4]**	**Applications - Defense Applications (Simon Julier) [Room 5 & 6]**
13:30	13:50		Distributed Target Tracking for Nonlinear Systems: Application to Bearings-Only Tracking (Thomas Brehard)	Fusion of Two Classifiers for Speaker Identification: Removing and not Removing Silence (Haoji Hu)	Influence of Timestamping Error on Data Inaccuracy (Olivier Bezet)	Recognizing Mobile Organizations from Column Formations using Hierarchical Hidden Markov Models: a Simulation Experiment (Fredrik Stavfors)
13:50	14:10		Optimal Mixture Approximation of the Product of Mixtures (Oliver C. Schrempf)	Pairwise Classifier Combination in the Framework of Belief Functions (Benjamin Quost)	Nonlinear Blind Sensor Fusion and Identification (Sam Roweis)	Non-linear Bayesian CBRN Source Term Estimation (Peter Robins)
14:10	14:30		The Shifted Rayleigh Filter for Bearings Only Tracking (John M C Clark)	Automated Selection of Fusion Parameters Through a Segmentation of Multi-Sensor ROC Curves (Peter Pachowicz)	Application of Fuzzy Preference Modelling to the Fusion of Sensory Profile Data (Pierre-Alexandre Hébert)	Machine Learning based Text Analysis for Intelligence Collation (Claire Thie)
14:30	14:50		Tighter Alternatives to the Cramer-Rao Lower Bound for Discrete-Time Filtering (Steven Reece)	A Multiple Classifier Approach for Multisensor Data Fusion (Devi Parikh)	Bridging Merging Prioritized Information in Possibilistic Logic and Inconsistency Handling Methods (Souhila Kaci)	A Probabilistic Chemical Sensor Model for Data Fusion (Peter Robins)
14:50	15:10		Afternoon Break [Wyndham Ballroom A]			
			Tracking - SMC Tracking (Darko Musicki) [Philadelphia Room North]	**Image Fusion - Image Fusion Special Session (Rick Blum) [Philadelphia Room South]**	**Belief Analysis - Ontologies (John Salerno) [Room 3 & 4]**	**Applications - Fusion Applications (George Tadda) [Room 5 & 6]**
15:10	15:30		Mobility Tracking in Cellular Networks with Sequential Monte Carlo Filters (Lyudmila Mihaylova)	Minimax Robust Image Fusion using an Estimation Theor Approach (Rick Blum)	Ontology-Driven Information Integration to Operational Decision Support (Alexander Smirnov)	Fusing Disparate Information within the 4D/RCS Architecture (Craig Schlenoff)
15:30	15:50		Online Multitarget Detection and Tracking Using Sequential Monte Carlo Methods (Junfeng Li)	Multiframe Image Fusion Using the Expectation-Maximization Algorithm (Jinzhong Yang)	Ontology Meta-Model For Building A Situational Picture C Catastrophic Events (Eric Little)	Development of an Integrated GUI Framework for Post Disaster Visualization (Matthew Mandiak)
15:50	16:10		Sequential Clustering with Particle Filters - Estimating the Number of Clusters from Data (Johan Schubert)	A Statistical Multiscale Approach to Image Segmentation and Fusion (Alessandro Cardinali)	The Semantic Challenge for Situation Assessment (Chris Nowak)	Opportunistic Sensor Resource Management for Extended Regions (Sang Chin)
16:10	16:30		Sequential Unscented Kalman Filter for Radar Target Tracking with Range Rate Measurements (Zhansheng Duan)	Characterisation of Image Fusion Quality Metrics for Surveillance Applications over Bandlimited Channels (Eduardo Fernandez Canga)	Grammatical Methods for Situation, Threat and Impact Analysis (Daniel McMichael)	Tree Based Data Aggregation in Sensor Networks Using Polynomial Regression (Torsha Banerjee)
16:30	16:50		Late Afternoon Break [Wyndham Ballroom A]			
			Tracking - Tracking Methods (Yvo Boers) [Room 3 & 4]		**Level 2 Panel Session (Ivan Kadar) [Philadelphia Room South & North]**	**Applications - Applications of IF (Allen Waxman) [Room 5 & 6]**
16:50	17:10		Multiple Target Tracking With Possibly Merged Measurements Modeled by Point Processes (Shozo Mori)			Remote Sensing Image Segmentation Using SVM with Automatic Selection for the Kernel Parameters (Refaat Mohamed)
17:10	17:30		Track Labeling Combined with the Probability Hypothesis Density Filter for Multitarget Multisensor Tracking (Ozgur Erdinc)			Shape-Constraint for Accurate Segmentation in Remote Sensing Imagery (Ayman El-Baz)
17:30	17:50		Improved Fast Covariance Intersection for Distributed Data Fusion (Dietrich Fränken)		**Issues and Challenges of Knowledge Representation and Reasoning Methods in Situation Assessment (Level 2)**	A Graph Theoretic Approach to Data Incest Management in Network Centric Warfare (Samuel McLaughlin)
17:50	18:10					Fusion Performance using a Validation Approach (Christopher Angell)
18:10	18:50					

Wednesday, July 27, 2005						
7:00	8:00		Author Breakfast [Room 10]			
8:00	9:00		Plenary Speech (Dr. Wilson Felder, Director of Technology Development, FAA) [Wyndham Ballroom A]			
			Tracking - Particle Filtering (Neil Gordon) [Philadelphia Room North]	**Image Fusion - Image Fusion Special Session (Rick Blum) [Philadelphia Room South]**	**Belief Analysis - Probability Methods (Subrata Das) [Room 3 & 4]**	**Applications - Multi-Agent Systems Special Session (David Nicholson & Hugh Durrant-Whyte) [Room 5 & 6]**
9:10	9:30		Efficient Particle Filtering for Road-Constrained Target Tracking (Yang Cheng)	Experimental Tests of Image Fusion for Night Vision (Yin Chen)	A Comparative Study on Model Selection and Multiple Model Fusion (Huimin Chen)	Autonomous Self-Localisation and Mapping Agents (James Swinnerton)
9:30	9:50		A Comparison of Particle Filters for Recursive Track-before-detect (Mark Rutten)	Realtime Image Fusion and Target Learning & Detection on a Laptop Attached Processor (Paul Ilardi)	A Bayesian Approach to Extended Object Tracking (Wolfgang Koch)	Constrained Bandwidth Allocation in Multi-Sensor Information Fusion: A Mechanism Design Approach (Ale Rogers)
9:50	10:10		A Particle Filter for Detection and Tracking of Multiple Extended Objects in Color Video Sequences (Jacek Czyz)	The Cramer-Rao Bound Applied to Image Fusion (Rick Blum)	The Relation of Optimal Local Compression Rule and Local Likelihood Ratio Rule (Keshu Zhang)	Unifying Learning in Games and Graphical Models (lea Rezek)
10:10	10:30		Particle Filter-Based Information Acquisition for Robust Plan Recognition (Ronnie Johansson)	Complex Wavelet Domain Image Fusion Based on Fractional Lower Order Moments (Alin Achim)	A Comparative Study on the Use of Road Network Information in GMTI Tracking (Kaouthar Benameur)	Mobile Agent-Based Distributed Fusion (MADFUSION) System (Li Bai)
10:30	10:50		Morning Break [Wyndham Ballroom A]			
			Tracking - Tracking Performance (Yvo Boers) [Philadelphia Room North]	**Image Fusion - Image Fusion w Sensor Management (Mark Oxley) [Philadelphia Room South]**	**Belief Analysis - Random Sets (Ron Mahler) [Room 3 & 4]**	**Applications - Gait and Face Detection (Jean-Pierre Le Cadre) [Room 5 & 6]**
10:50	11:10		CRLB with Pd<1 for Fused tracks (Alfonso Farina)	Robust Virtual Forces-Based Camera Positioning Using a Fusion of Image Contents and Intrinsic Parameters (Alaa E. Abdel-Hakim)	Seesaw Method for Combining Parameter Estimates (James Spall)	Fusion of Dynamic and Static Features for Gait Recognition Over Time (G.V. Veres)
11:10	11:30	Registration [Wyndham Ballroom A Foyer]	Re-entry Vehicle Tracking Observability and Theoretical Bound (Pierre Dodin)	Mitigation of Sensor and Communication System Impairments for Multichannel Image Fusion and Classification (Andriy Kurekin)	A Closed-Form Solution for the Probability Hypothesis Density Filter (Ba-Ngu Vo)	Probabilistic Fusion of Gait Features for Biometric Verification (Alex L. Bazin)
11:30	11:50		Limits of Linear Multitarget Tracking (Darko Musicki)	Robust Processing of SAR Hologram Data for Impulse Noise Impairment Mitigation (Darren Radford)	Can the Bayesian and Dempster-Shafer Approaches Be Reconciled? Yes. (Ronald Mahler)	Multi-Stage Fusion for Face Localization (Rachid Belaroussi)
11:50	12:10		Relative Error Measures for Evaluation of Estimation Performance (X. Rong Li)		Capabilities-Based Force Aggregation Using Random Sets (Pontus Svenson)	Image Fusion for Face Recognition (Xuerong Chen)
12:20	13:30		Lunch [Wyndham Ballroom A]			
			Best Paper - A Performance Bound for Manoeuvring Target Tracking Using Best-Fitting Gaussian Distributions (Marcel Hernandez) [Wyndham Ballroom A]			
			Tracking - Geometric Track Methods (Alex Chan) [Philadelphia Room North]	**Image Fusion - Sensor Management for Tracking (Chee Chong) [Philadelphia Room South]**	**Belief Analysis - Evidential Reasoning (Michael Hinman) [Room 3 & 4]**	**Applications - Diagnostics (Kai Goebel) [Room 5 & 6]**
13:30	13:50		Differential Geometry Measures of Nonlinearity for Ground Moving Target Indicator (GMTI) Filtering (Mahendra Mallick)	Tracking Performance Constrained MFR Parameter Control: Applying Constraints on Prediction Accuracy (Jitse Zwaga)	Shedding New Light on Zadeh's Criticism of Dempster's Rule of Combination (Rolf Haenni)	Collaborative Strategies of Partially Interacting Agents in Partially Observable Universe (Frederic Dambreville)
13:50	14:10		Analysis and Integration of Road Projection Methods for Multiple Road Target Initiation and Tracking (Stéphane Gattein)	Optimal Adaptive Waveform Selection for Target Tracking (Barbara La Scala)	Fusion of Multi-Level Decision Systems Using the Transferable Belief Model (David Mercier)	Distributed Fault Detection via Particle Filtering and Decision Fusion (Qi Cheng)
14:10	14:30		Nonlinear Constrained Tracking of Targets on Roads (Chun Yang)	Energy Efficient Target Tracking in a Sensor Network Using Non-myopic Sensor Scheduling (Amit Chhetri)	Managing Deceitful Reports with the Transferable Belief Model. (Philippe Smets)	Prognostic Information Fusion for Constant Load System (Kai Goebel)
14:30	14:50		Geo-Tracking of a Single Constant-Velocity Target using Broadband Array Sensor Data from a Maneuvering Observer: A Comparison of Nonlinear Tracking Techniques (Anton Haug)	Farsighted Sensor Management Strategies for Move/Stop Tracking (Angelia Nedich)	Multimodal Data Association Based on the Use of Belief Functions for Multiple Target Tracking (Megherbi Najla)	An Approach to Threat Assessment (Alan Steinberg)
14:50	15:00		Afternoon Break [Wyndham Ballroom A]			
15:00	18:30		Poster Session [Wyndham Ballroom A Foyer]			
18:30	19:30		No-Host Cocktails [Wyndham Ballroom A Foyer]			
19:30	22:00		Banquet & Keynote Speech (Honorable Curt Weldon) [Wyndham Ballroom A]			

Thursday, July 28, 2005						
7:00	8:00		Author Breakfast [Room 10]			
8:00	9:00		Plenary Speech (Dr. Allen Waxman, BAE Systems) [Wyndham Ballroom A]			
			Tracking - Track and ID (Robert Lynch) [Philadelphia Room North]	**Image Fusion - Sensor Management (Mike Schneider) [Philadelphia Room South]**	**Belief Analysis - DSmT Theory (Florentin Smarandache & Jean Dezert) [Room 3 & 4]**	**Applications - Vehicle and Transportation (Dale Blair) [Room 5 & 6]**
9:10	9:30		Multi-Target Tracking and Existence (Jaco Vermaak)	Evaluating Sensor Allocations Using Equivalence Classes of Multi-Target Paths (Christian Mårtenson)	Information Fusion Based on New Proportional Conflict Redistribution Rules (Florentin Smarandache)	Context Fusion for Driveability Analysis (Fredrik Lantz)
9:30	9:50		Joint Target Tracking and Identification – Part I: Sequential Monte Carlo Model-Based Approaches (Pierre Minvielle)	An Approximate Dynamic Programming Approach to a Communication Constrained (Jason Williams)	Example of Continuous Basic Belief Assignment in the DSmT Paradigm (Frederic Dambreville)	A Pedestrian Detection System based on Thermopile and Radar Sensor Fusion (Dirk Linzmeier)
9:50	10:10		Joint Target Tracking and Identification – Part II: Shape Video Computing (Pierre Minvielle)	Optimal Observation Trajectories of an Active Manoeuvring Radar (Pierre Dodin)	Multi-Hypotheses Tracking Algorithm Based on the Belief Theory (Benjamin Mourllion)	Sensor Fusion Approaches to Guideway and Obstacle Detection in the Autotaxi Ssystem (Ponciano Jorge Escamilla-Ambrosio)
10:10	10:30		Multiresolution EO/IR Target Tracking and Identification (Erik Blasch)	A Risk-Based Object-Oriented Approach to Sensor Management (Fok Bolderheij)	Performance Evaluation of Fusion Rules for Multitarget Tracking based on Generalized Data Association (Jean Dezert)	A PreCrash System based on Sensor Data Fusion of Laser Scanner and Short Range Radars (Michael Skuteli)
10:30	10:50		Morning Break [Wyndham Ballroom A]			
			Tracking - Tracking Applications (Yaakov Bar-Shalom) [Philadelphia Room North]	**Image Fusion - Hyperspectral Special Session (Rick Blum) [Philadelphia Room South]**	**Belief Analysis - Situation Assessment (Level 2) (Michael Hinman) [Room 3 & 4]**	**Applications - Vehicle and Transportation (Wolfgang Koch) [Room 5 & 6]**
10:50	11:10		Over-The-Horizon Radar Target Tracking Using MQP Ionospheric Modeling (David Bourgeois)	Applying Incremental EM to Bayesian Classifiers in the Learning of Hyperspectral Remote Sensing Data (X. Rosalind Wang)	Situation Assessment for the Post-disaster Casualty Mitigation Operations (Galina Rogova)	Unscented Kalman Filter Design for Curvelinear Motion Models Suitable for Automotive Safety Applications (Manolis Tsogas)
11:10	11:30		The Impact of Tropospheric Propagation on Data Fusion from Multiple Radars (Anil Shukla)	Multisource Fusion for Land Cover Classification using Support Vector Machines (Pakorn Watanachaturaporn)	A General Algebraic Structure for Situation Analysis (Patrick Maupin)	EKF and Particle Filter Track to Track Fusion : a Quantitative Comparison from Radar/Lidar Road Obstacl Tracks (Christophe Blanc)
11:30	11:50		Tracking Ground Emitters Using State Vector Fusion In Airborne Domain (Gee Wah Ng)	A New Approach to Image Fusion Based on Cokriging (Nargess Memarsadeghi)	Factored Particle Filtering for Situation Assessment in Urban Environments (Subrata Das)	Radio Map Fusion for Indoor Positioning in Wireless Loca Area Networks (Azadeh Kushki)
11:50	12:10		Localization and Fusion in Multistatic Sonar (Stefano Coraluppi)	Adaptive Band Selection for Hyperspectral Image Fusion Using Mutual Information (Baofeng Guo)	Comparing Future Situation Pictures (Hedvig Sidenbladh)	Robust, Low-Bandwidth, Multi-Vehicle Mapping and Navigation (Steven Reece)
12:20	13:30	Registration [Wyndham Ballroom A Foyer]	Lunch [Wyndham Ballroom A]			
			Best Student Paper - Distributed Data Association for Multi-Target Tracking in Sensor Networks (Lei Chen) [Wyndham Ballroom A]			
			Awards & Fusion 2006 Presentation [Wyndham Ballroom A]			
			Tracking - Tracking Comparisons (Darko Musicki) [Philadelphia Room North]	**Image Fusion - Data Mining (Yingqin Yuan) [Philadelphia Room South]**	**Belief Analysis - Situation / Threat Assessment (Level 2/3) (Sergio Gigli) [Room 3 & 4]**	**Applications - Airports Special Session (Jesus Garcia, Jose Molina & Juan Besada) [Room 5 & 6]**
13:30	13:50		Interaction Between Estimator and Estimation Criteria (Zhanlue Zhao)	Mining High-Dimensional Data for Information Fusion: A Database-Centric Approach (Boriana Milenova)	Lessons Learned from Developing SAWA: A Situation Awareness Assistant (Christopher Matheus)	Design of an A-SMGCS Prototype at Barajas Airport: Available Information and Architecture (Jose M. Molina)
13:50	14:10		Comparison of Forward Vs. Feedback Kalman Filter For Aided Inertial Navigation System for an AUV (Ben Ragel)	Construction of an Accurate Geospatial Predictor by Fusion of Global and Local Models (Bo Han)	An Evidential Model of Multisensor Decision Fusion for Force Aggregation and Classification (Bin Yu)	Design of an A-SMGCS Prototype at Barajas Airport: Dat Fusion Algorithms (Jesus Garcia)
14:10	14:30		Tracking Maneuvering Targets from Possibly Unresolved Measurements (Henk Blom)	Improving Aerosol Retrieval Performance by Integrating AERONET, MISR, and MODIS Data Products (Qifang Xu)	Intent Inferencing Using an Artificial Potential Field Model of Environmental Influences (Robin Glinton)	Design of an A-SMGCS Prototype at Barajas Airport: Airport (Juan A Besada)
14:30	14:50		The Behavior of Model Probability in Multiple Model Algorithms (Zhanlue Zhao)	Rule Mining and Classification in Imperfect Databases (Rohitha Hewawasam)	Truth Maintenance System with Probabilistic Constraints for Enhanced Level Two Fusion (Subrata Das)	Intelligent Task Scheduling in Sensor Networks (Wilbert van Norden)
14:50	15:10		Afternoon Break [Wyndham Ballroom A]			
			Tracking - Tracking Methods (Shozo Mori) [Philadelphia Room North]	**Image Fusion - Data Association (Johan Schubert) [Philadelphia Room South]**	**Belief Analysis - Decision Support / User Refinement (Level 5) (Angela Pawlowski) [Room 3 & 4]**	**Applications - Applications of IF (Pierre Valin) [Room 5 & 6]**
15:10	15:30		A Gaussian Mixture Filter for Near-Far Object Tracking (Graham. W. Pulford)	Robust Approaches for the Data Association Problem (Hassene Aissi)	Symbolic Argumentation for Decision Making under Uncertainty (Subrata Das)	Early Detection of Bioterrorism via Higher Level Fusion (Josh Introne)
15:30	15:50		Sequential Detection of Target Maneuvers (Jifeng Ru)	Clustered Multidimensional Data Association for Limited Sensor Resolutions (Felix Opitz)	Smart Decision Support System Using Parsimonious Information Fusion (Panos Louvieris)	Fusion of Open Source Information (David Noble)
15:50	16:10		Optimal Signal Detection for False Track Discrimination (Thomas Hanselmann)	Performance Analysis of Optimal Data Association within a Linear Regression Framework (Frederic Bavencoff)	Knowledge-Based Information Fusion for Improved Situational Awareness (Paul Smart)	Stock Tracking : A New Approach for Stock Analysis and Forecasting (Huifeng Shen)
16:10	16:30		Mitigating the Effects of Residual Biases with Schmidt-Kalman Filtering (Roman Novoselov)	Short-term Ambiguity Assessment to Augment Tracking Data Association Information (Sabino Gadaleta)	Case Based Reasoning Approach to Automatic Comparison of Models (Timo Ala-Kleemola)	A Novel Wavelet-based Technique for Pitch detection an Segmentation of Non-stationary Speech (Dimitrios Charalampidis)
16:30	16:50		The Modified Riccati Equation in Target Tracking: Some Recent Results (Yvo Boers)			Logical Data Fusion for Biological Hypothesis Evaluation (Stephen Racunas)

Friday, July 29, 2005						
8:00	9:50	Registration [Wyndham Ballroom A Foyer]	**Tutorial AM1**	**Tutorial AM2**	**Tutorial AM3**	**Tutorial AM4**
			Multi-target Tracking and Multi-sensor Data Fusion 1/2 (Prof Yaakov Bar-Shalom)	The Game-Theoretic Framework for Managing Uncertainty (Dr Glenn Shafer)	An Integrated Approach to Data Fusion and Decision Support 1/2: Situation Assessment (Dr Subrata Das)	Maritime Situational Awareness (Dr James K. Beard)
			Tutorial AM5	**Tutorial AM6**	**Tutorial AM7**	**Tutorial AM8**
			Introduction to Multi-Sensor Navigation Information Fusio (Dr Mikel Miller)	The Data Fusion and Resource Management (DF&RM) Dual Node Network (DNN) Architecture 1/2: The Dual Data Fusion and Resource Management Processing Levels (Dr Christopher Bowman)	Grammatical Methods for Situation amd Threat Analysis (Dr Daniel McMichael)	Bayesian Estimation and Tracking Techniques Applicable to Nonlinear and Non-Gaussian Processes (Dr. Anton J Haug)
9:50	10:10		Break			
10:10	12:00		**Tutorial AM1**	**Tutorial AM2**	**Tutorial AM3**	**Tutorial AM4**
			Multi-target Tracking and Multi-sensor Data Fusion 1/2 (Prof Yaakov Bar-Shalom) - Continued	The Game-Theoretic Framework for Managing Uncertainty (Dr Glenn Shafer) - Continued	An Integrated Approach to Data Fusion and Decision Support 1/2: Situation Assessment (Dr Subrata Das) - Continued	Maritime Situational Awareness (Dr James K. Beard) - Continued
			Tutorial AM5	**Tutorial AM6**	**Tutorial AM7**	**Tutorial AM8**
			Introduction to Multi-Sensor Navigation Information Fusio (Dr Mikel Miller) - Continued	The Data Fusion and Resource Management (DF&RM) Dual Node Network (DNN) Architecture 1/2: The Dual Data Fusion and Resource Management Processing Levels (Dr Christopher Bowman) - Continued	Grammatical Methods for Situation amd Threat Analysis (Dr Daniel McMichael) - Continued	Bayesian Estimation and Tracking Techniques Applicable to Nonlinear and Non-Gaussian Processes (Dr. Anton J Haug) - Continued
12:00	13:00		Break			
13:00	14:50		**Tutorial PM1**	**Tutorial PM2**	**Tutorial PM3**	**Tutorial PM4**
			Multi-target Tracking and Multi-sensor Data Fusion 2/2 (Prof Yaakov Bar-Shalom)	An Introduction to Stochastic Search and Optimization (Prof James C. Spall)	An Integrated Approach to Data Fusion and Decision Support 2/2: Response Recommendations (Dr Subrata Das)	Evaluation of Information Fusion Systems (Dr Erik Blasch)
			Tutorial PM5	**Tutorial PM6**	**Tutorial PM7**	**Tutorial PM8**
			Challenges and Approaches to Designing Data Fusion Processes in Service-Based Architectures (Dr James Llinas)	The Data Fusion and Resource Management (DF&RM) Dual Node Network (DNN) Architecture 2/2: Distributed Fusion Networks and Fusion Node Processing Optimization (Dr Christopher Bowman)	Ontology Based High Level Fusion: Methods and Tools (Dr Mieczyslaw M. Kokar)	Ensemble Based Systems For Data Fusion (Dr Robi Polikar)
14:50	15:10		Break			
15:10	17:00		**Tutorial PM1**	**Tutorial PM2**	**Tutorial PM3**	**Tutorial PM4**
			Multi-target Tracking and Multi-sensor Data Fusion 2/2 (Prof Yaakov Bar-Shalom) - Continued	An Introduction to Stochastic Search and Optimization (Prof James C. Spall) - Continued	An Integrated Approach to Data Fusion and Decision Support 2/2: Response Recommendations (Dr Subrata Das) - Continued	Evaluation of Information Fusion Systems (Dr Erik Blasch) - Continued
			Tutorial PM5	**Tutorial PM6**	**Tutorial PM7**	**Tutorial PM8**
			Challenges and Approaches to Designing Data Fusion Processes in Service-Based Architectures (Dr James Llinas) - Continued	The Data Fusion and Resource Management (DF&RM) Dual Node Network (DNN) Architecture 2/2: Distributed Fusion Networks and Fusion Node Processing Optimization (Dr Christopher Bowman) - Continued	Ontology Based High Level Fusion: Methods and Tools (Dr Mieczyslaw M. Kokar) - Continued	Ensemble Based Systems For Data Fusion (Dr Robi Polikar) - Continued