

Tuesday 0830 to 0955

Apollo

Keynote Address

On Computational Wings

Kenneth M. Ford

Tuesday 1015 to 1140

Apollo	Discovery	Endeavour	Atlantis
ST01	ST02	ST03	ST04
Symposium: The Use of Qualitative Methods in Aviation Psychology 3000	Displays for the Aircrew	Simulation-Based Approaches to Pilot Training	Risk Analysis & Quality Assurance
Chair: Vicky Cutler	Chair: Eric Geiselman	Chair: Kathleen Van Benthem	Chair: Immauel Barshi
A Trend Analysis of Human Factors Issues in UK Military Aviation	Is Rho the Key to Hazardous Weather Avoidance? 3750	Four-Year Follow-Up of Intensive, Simulator-Based Pilot Training 5780	Toward Identifying Risk in Human Performance of ATC Procedures 5200
Weedon, Cutler , Revell	Knecht	Lubner , Dattell, Henneberry, Allen, DeVivo	Krois , Pounds
The Use of Qualitative Methods to Improve Flight Deck Design	Objective and Subjective Evaluation of a New LIDAR-Based Speed Prediction and Advisory Displays 3620	The Effect of Surprise on Pilot Upset Recovery Performance 4400	Operationalizing the Definition of Risk as Variability 5250
Munro	Entzinger , Iijima, Uemura, Matsumoto, Matayoshi, Suzuki	Landman , Groen, van Paassen, Bronkhorst, Mulder	Pounds , Krois, Davis, Wishy
Exploring Facilitated Debriefing Techniques Using a Diary Study	Development of Increasingly Autonomous Traffic Display Manager Using Pilot Relevancy and Ranking Data 3630	Aviation and Simulation: One approach to fostering student pilot success 5620	Cognitive and Judgment Relevance to Autonomous and Remote Flight Testing 4560
Pruchnicki	Le Vie , Houston	Gallimore , Perry	Castilho , Leveson
		Hi-Fidelity Mission Simulation and the State of the Art in Unmanned Training 3030	Big-Data and Visual Analytics: An Overview of Human Factors Issues and NAS-wide Trends 2700
		Martin	Austrian , Sawyer, Berry

Tuesday 1300 to 1425

Apollo	Discovery	Endeavour	Atlantis
ST05	ST06	ST07	ST08
Coping with the Emotional Impact of Military Aviation Chair: Linda Pierce	Multi-Modal Display Technology Chair: Sylvain Hourlier	Simulation for Test & Evaluation Chair: Pamela Munro	Accident Analysis and Safety Chair: Sheryl Chappell
Relationship Between Spiritual Well-Being and PTSD in USAF Remotely Piloted Aircraft/Intelligence Personnel 4710 Wood, Ware	Evaluating Spatial-Auditory Symbology for Improved Performance in Low-Fidelity Spatial Audio Displays 6120 Romigh , Villa, Ayers	Proposed Scenarios for the Standardization of the Evaluation of New ATC Technologies and Procedures 4610 Crutchfield , Millan	Taking a Closer Look at Flight Crew Handling of Complex Failures – Ten Case Studies 4150 Reitsma, Fucke, Borst, van Paassen
PTSD and its Impact on Cognitive Functions, Work Performance and Judgment 4460 Nacev	Tactile Spatial Alerts and Guidance for Collision Avoidance during Closely Spaced Parallel Approaches (CSPA) 5310 Wan , Sarter	HITL or MISS(L): An Investigation into Realism and Accuracy in En Route ATC Simulations 4260 Rohde	A Study of Accidents/Incidents of Landing on Wrong Runway/at Wrong Airport (1992-2012) 4320 Jin, Lo
Cognitive and Personality Characteristics of U.S. Air Force Pilots Treated with Antidepressant Medication 3850 Wood , Heaton	Virtual Reality and 2D Interfaces: A Comparison of Visual Search Task Performance 3870 Brown , Van Benthem, Howell, Poisson, Arbuthnot, Herdman	An Interdisciplinary Approach to Evaluating U.S. Army Aviation Training 2880 Goodwin, Reinerman-Jones , Goldiez, Crapanzano	A Case Study Using the Human Factors Analysis and Classification System Framework 2580 Mendonca, Huang , Fanjoy, Keller
The Influence of Biofeedback and Psychological Support on Wellbeing of Military Pilots 5390 Held	A Color-Code Design Tool 3420 Post , Goode	Quantifying Pilot Contribution to Flight Safety during Unreliable Airspeed 3710 Etherington , Kramer, Bailey, Kennedy	“The Perfect Storm” Lexington, KY & Comair Flight 5191 Pruchnicki

Tuesday 1445 to 1610

Apollo	Discovery	Atlantis	Endeavour
ST09	ST10	ST11	ST12
Symposium: Lessons Learned from a High-Fidelity Simulation of a Flight Dispatch Center 5560	Displays: Attitude & Energy Awareness	Operator Fatigue	Safety Culture & Reporting
Chair: Andrea Georgiou	Chair: Matthew Brown	Chair: Martin Held	Chair: Michael Sawyer
Improving Aviation Students' Teamwork, Problem Solving, Coordination, and Communications Skills During a High-Fidelity Simulation	Indicating Flight Attitude in Modern PFDs: Reconsidering the Issue of Inside-Out vs. Outside-In 3290	Fatiguing the Force: Using Operational Data to Improve Air Force's Mission Effectiveness Model 3560	SMS Hazard Analysis at a University Flight School 5800
Lester , Georgiou, Hein, Littlepage, Moffett, Craig	Müller , Manzey	Amaddio , Howland	Beckman , Crews
Teamwork and Emergent Cognitive States as Predictors of Routine and Adaptive Performance	Design Considerations for Attitude State Awareness and Prevention of Entry to Unusual Attitudes 6010	Self-assessment of Performance under the Influence of Fatigue and Alcohol 4970	Perceptions of SMS among Collegiate Aviation Students 4840
Littlepage , Wertheimer	Ellis , Prinzell, Arthur, Nicholas, Kiggins, Verstynen, Hubbs, Wilkerson	Hoermann , Elmenhorst	Siao , Wang
Self-Leadership Strategies & Performance Perspectives Within Student Aviation Teams	Synthetic Vision System Commercial Aircraft Flight Deck Display Technologies for Unusual Attitude Recovery 4060	Objective Measurement of Pilot Drowsiness in Commercial Flight Operations 4850	Relationships between Safety Culture Perceptions and Safety Reporting Behavior among Non-Flight Aviation Majors 3180
Bearden	Prinzel , Ellis, Arthur, Nicholas	Corbett , Tucker, Newman	Adjekum, Keller , Walala, Christensen, DeMik , Young , Northam
Student Perceptions on the Usefulness of Simulation-Based Training	Use of Synthetic Vision in a head-mounted display for approach and landing tasks 5860	Status of FAA Air Traffic Control Fatigue Interventions 2013-2016 2680	Longitudinal Safety Climate Analysis: Modeling for Enhanced Organizational Response 3890
Georgiou , Wertheimer , Snodgrass	Beringer	McCauley , Nesthus	Bowen , Roggow

Tuesday 1615 to 1740

Apollo

PT

Poster #	Title	Authors
PT03	Relational between Relational Energy, Emotional Labor and Cognitive Flexibility among Flight Attendants in India 4420	Baruah, Reddy
PT04	Perturbing Permutations: An Analysis of Co-occurring Factors during Events of Pilot Confusion 5830	Ross, Tomko
PT05	Development of a Brief Measure for Safety Management Systems (SMS) Training. 5820	Lubner, Dattell, Bartron
PT08	An Assessment of General Aviation Pilots' IFR Knowledge and Skills 5530	King, Ortiz, Blicksenderfer, Defilippis, Guinn, Lanicci, Thomas
PT09	Evaluation of Flight Deck Panels from a Human Factors Perspective 3760	Tamilselvan, Winter
PT10	Psychology in a Flight Instruction Squadron – a Brazilian Experience 4530	Valerio, Bezerra Ignatti, Weber do Rosario Sales, Bernardes
PT11	Synthetic Vision System Commercial Aircraft Flight Deck Display Technologies for Attitude State Awareness 6030	Ellis, Prinzel, Arthur, Nicholas, Kiggins, Verstynen, Hubbs
PT12	The Effect of an Augmented Reality Device on Situation Awareness for Airborne Surveillance Operations 3040	Van Benthem, Brown, Arbuthnot, Poisson, Herdman
PT13	Innovative Airport Visual Aids to Enhance Situational Awareness and Flight Training 5550	Major, Hubbard
PT14	Design and Evaluation of Multimodal Ground Control Station 6050	Morris, Brandt, Skoglund, Welch, Homan, Finomore
PT15	Evaluation of drones and the human machine interactions for Air Force dismounted Battlefield Airmen 6040	Riley, Turk, Page, Bolon, Burns, Homan, Finomore
PT17	Scenario Identification to Support the Integration of Unmanned Aircraft into the NAS 2600	Smith, Spencer, Bass, Pankok, Dolgov, Durham, Evans, Shepherd,
PT18	Decision Making and Stress Reaction of Remotely Piloted Aircraft (RPA or Drone) Pilots 3770	Schwartz, Burton, Marshall, Grattan
PT19	Simulation for UAV flight 5410	Weldon, Kozak
PT21	Stealth Optimized, Adaptive Assessments of Multistage UAS Operator Selection (Stealth Adapt) 4220	Christy, Ferraro
PT22	Warfighter Acceptance of Future Physiological Monitoring and Augmentation: Update from EBS2016 5050	Menke, Best, Funke, Strang
PT23	Crew State Monitoring and Line-Oriented Flight Training for Attention Management 3940	Stephens, Harrivel, Prinzel, Comstock, Abraham, Pope, Wilkerson, Kiggins
PT24	Effects on task performance and psychophysiological measures of performance during normobaric hypoxia exposure. 5220	Stephens, Kennedy, Napoli, Demas, Crook, Williams, Last, Schutte
PT25	Smart Helmets: Monitoring the Physiological State of Pilots 6070	McLaughlin, Tossell, Finomore
PT26	What Information About Consumers Predicts Their Trust in Autopilots 3790	Milner, Rice, Winter
PT27	Trust in Automation and Autonomy: A Growing Challenge for Aviation Operations 3700	Hancock, Kaplan, Stowers, Kessler, Sanders, Volante, MacArthur
PT28	Potential Research on the Use of Big Data Paradigm for Pilot Environments 3950	Oh
PT29	Designing a Website to Utilize the Outcomes of Scientific Studies Related to Aviation Safety 4880	Alnoaimi, Alsowayigh
PT30	Demonstration of a Color-Code Design Tool 3540	Post
PT31	Final Results of Multimethodology Application at Civilian Air Navigation Complex Environment 6090	Cabral, Estellita Lins

Wednesday 0830 to 0955

Apollo

Operational Issues in Aviation Psychology

Plenary Practitioner Panel

Panelists: **Kathy Fox, Michael Hagler, Richard J. Ranaudo, Helena Reidemar**

Moderator: **Stephen Casner**

Wednesday 1015 to 1140

Apollo	Discovery	Endeavour	Atlantis
SW01	SW02	SW03	SW04
Symposium: Intelligent Multi-UxV Planner with Adaptive Collaborative/Control Technologies 4810	Innovative & Dynamic Interfaces	General Aviation Cognition	Language and Communications
Chair: Gloria Calhoun	Chair: Griffin Romigh	Chair: Patrick Gontar	Chair: Gregory Funke
IMPACT: An Overview	A dynamic system simulation device to define human-system interface requirements for the Dassault Rafale. 4870	Interviews of General Aviation Pilots: an Insight to Airspace Infringements 4540	The Concept of Communication Breakdown: Useful Fallacy or Time for Overhaul? 3610
Draper	Hauret, Donnot	Psyllou, Majumdar, Ochieng	Cookson
IMPACT: Interfaces for Operator-Autonomy Teaming	Avionics Touch Screen in Turbulence: Simulation for Design (Part Two) 2630	Flight Experience and Mental Representations of Space 4790	Human-Machine Articulation Work: Functional Dependency Dialogue for Human-Machine
Calhoun, Ruff, Frost	Hourlier, Servantie, Guerard	Keller, Sutton	Rothwell, Shalin
IMPACT: Intelligent Agent Framework for Course of Action Generation	Effects of an Ecological Interface on Flight Training Effectiveness 4960	Individual Pilot Factors Predict Diversion Management and Situation Awareness during Simulated Cross-Country VFR Flight 3050	Facilitating Communication for Aviation Training and Maintenance 3260
Evans, Hansen, Douglass	Deerenberg, van Paassen, Borst, Mulder	Van Benthem, Herdman	Holtaway, Jackson, Hubbard
IMPACT: Fusion and the Distributed Architecture and Services	Research Methodology and Modeling for Airspace Integration of Unmanned Aerial Systems in National/International Airspace 5180	The Influence of Motivational Attitudes on General Aviation Weather Knowledge 5670	Aviation English Intelligibility 5350
Spriggs, Bearden, Howard	Foster, Geeseman	Ortiz, King, Blickensderfer, Guinn, Lanicci, Thomas, Thropp, Cruit, Jennis	Trippe, Pederson
IMPACT: Operator-in-the-Loop Evaluation of Operator-Autonomy Teamwork			
Behymer, Patzek, Rowe			

Wednesday 1300 to 1350

Apollo

Invited Address

**Stories of Technology Change Describe the Congestion, Cascades, and Conflicts that Arise
When Apparent Benefits get Hijacked**

David Woods

Wednesday 1410 to 1535

Apollo	Discovery	Endeavor	Atlantis
SW05	SW06	SW07	SW08
What's Next for NextGen?	Unmanned Aircraft Operations	Symposium: Naval Aviation Training and Simulation 4120	Symposium: Weather Technology in the Cockpit (A PEGASAS Project) 5630
Chair: Paul Krois	Chair: Gloria Calhoun	Chair: Todd Seech	Chair: Mel Futrell
Federal Aviation Administration Flight Deck Human Factors Research Program 3670	An Investigation of Minimum Display Requirements for a UAS Detect and Avoid System 3810	Virtual Reality and Virtue Environment Flight Training Applications	Weather Technology in the Cockpit (WTIC) Overview
Chappel, Bolinger, Awwad	Williams	Phillips, McNamara, Priest	Johnson, Pokodner
Alerts on the NextGen Flight Deck 4680	Increasing Acceptance of Haptic Feedback in UAV Teleoperations by Visualizing Force Fields 4410	Research Exploring Multi-Operator Training Environments (REMOTE)	Information Technology Based Demonstration of Weather Indication Latency
Sebok, Wickens, Fennell	Ho, Borst , Van Paassen, Mulder	Mercado, Astwood	Risukhin
NextGen Human Factors Accomplishments and Challenges in the Future 5260	An Investigation of Interfaces for Remotely Piloted Aircraft Crew When Dealing with Cyber Threats 3010	The Disorientation Research Device (DRD): The World's Largest Aeromedical Research Simulator?	Weather-Related Decision-Making: Can Experiential Education Help General Aviation Pilots?
Sierra	Liggett, Venero	Folga, Arnold, Esken	Whitehurst
		Toward an Actionable Taxonomy of Pilot Spatial Disorientation	General Aviation Weather Alerting: Effectiveness of Display Characteristics in Supporting Weather-Related Decision Making
		Arnold, Patterson, Williams	Tippey, Rodriguez-Paras, Roady, Ferris, Brown, Rantz

Wednesday 1540 to 1705

Apollo

PW

Poster #	Title	Authors
PW01	Effect of Two Types of Light-Emitting Diodes (LEDs) on Color Perception 3360	Milburn , Gildea
PW02	Does the Projected-Hand-Illusion Help in Teleoperation? 4930	Wajon, van Paassen , Abbink, Boer, Mulder
PW03	Eye Tracking Measures in Pilots: A Selective Literature Review 5950	Peissl
PW04	Investigating Pilot's Decision Making When Facing an Unstabilized Approach: An Eye-Tracking Study 7000	Reynal, Rister, Scannella, Wickens, Dehais
PW05	Incomplete Knowledge of Results and the Manipulation Resposne Bias 6140	Davis
PW06	Trust in Automation and Moral Decision Making: An Exploration Study 4240	Finomore, Mueller , Nunley , Schulz, Grass
PW07	The In-flight Affective Brain: Decision Making under Uncertainty and Safety Implications in Aviation 3820	Sestito , Benuzzi, Wydoodt, Giombelli, Scoditti, Pavesi, Nichelli, Dreher
PW08	Dimensions of Pilot Experience and Their Contribution to Decision Making During Adverse Weather Encounters 4860	Udo-Imeh
PW09	Human Decision Making and Threat-awareness Response during Emergency Aircraft Evacuations 2790	Hubbard , Ropp
PW10	Sorry for interrupting you! Relations between interruption occurrence, error rate and subjectively perceived workload 4990	Gontar
PW11	How Task Complexity and Time Pressure Affect Air Traffic Controllers' Performance and Workload 3490	Yang , Dattel, Liu
PW12	Using Pair-Wise Rankings in the Assessment of Adaptive Aiding 3380	Gruenwald , Middendorf, Credlebaugh, Mead, Galster
PW13	Assessing Human Performance in Automated Task Monitoring 4230	Ferraro , Christy
PW14	An EEG Data Investigation Using Only Artifacts 2910	Credlebaugh , Middendorf , Middendorf, Galster
PW15	Investigating Facial Electromyography as an Indicator of Cognitive Workload 3410	Mead , Middendorf, Gruenwald, Credlebaugh, Galster
PW16	Empirically Evaluating Representational Aids for Target Tracking and Sensor Management 5500	Hammack , Neely, Stanard, Roll, Flach
PW18	Integration of Classroom and FTD Training 5100	Crews
PW19	Evaluation of the Transfer of Training of Dynamic Motion Flight Simulator for Novice Flyers 6060	Tenhundfeld , Crandell, McClernon, Finomore
PW22	Able Flight 2570	Major , Hubbard
PW23	Advancement in Pedagogical Foundations: Developing Language Proficiency for Student Success 4630	McIntire, Merkt, Luedtke, Holt, Bowen , Brown
PW24	Predicting Grit with Aviators in Classrooms through Social Achievement Goals 3970	Walden
PW25	Development of Training Techniques for Human-Machine Team 6080	Riechers , Kamai, Szala, Walliser, Shaw, Haring, Tossell, Finomore
PW26	Use of Team Adaptation and Coordination Training in Human-Machine Teams 5960	Szala , Kamai , Riechers , Walliser
PW27	Why Collegiate Flight Instructors Resign 5380	Siao , May , Furedy
PW28	A STPA-based Hazard Log to Assist in Identifying Unsafe Human Behavior during Operations 3980	Scarinci
PW30	Collaborative Reasoning in the Age of Cognitive Systems 3330	Smith
PW31	Resilience in the face of Unexpected Flight Deck Events 5840	Pruchnicki , Rao

Thursday 0830 to 0955

Apollo

Bridging the Gulf: Putting Science to Work

Plenary Researcher Panel

Panelists: **Frédéric Dehais, Kevin Gluck, Alex Kirlik, Wesley Olsen**

Moderator: **John Flach**

Thursday 1015 to 1140

Apollo	Discovery	Endeavour	Atlantis
SR01	SR02	SR03	SR04
Effects of Automation	Mental Workload & Situation Awareness	<i>Symposium: Naval Aviation Personnel Selection</i> 4050	Individual & Cultural Factors
Chair: Dale Richards	Chair: Michael Tolston	Chair: Todd Seech	Chair: Simon Cookson
Objective Function Allocation Method for Human-Robotic Interaction using Work Models that Compute 5030	Intelligent Systems Applied to Workload Monitoring and Task Allocation 3460	Aviator Selection in the United States Navy (Manned Selection)	Examining Informal Learning in Commercial Airline Pilots' Communities of Practice 5120
Ijtsma, Pritchett, Feigh, Ma	Grigsby, Crossman, Frederiksen, Purman, Schmorrow	Olson	Corns
How Automation may Transform the Ways in which Crew Manage Peak Workload and Incapacitation 5170	The Oculometer Training Tape Technique: The Revival 3280	U.S. Naval Unmanned Aviator Selection Testing	Self-Deception and Impression Management in Commercial Pilots: An Underreported and Potential Confound in Aviation Research 5330
Mc Donald, Morrison, Kay, Ryan	Diaz-Piedra, Catena, Fuentes, Di Stasi	Foster	Black, Cleanthous, Sain, Vera
Understanding Pilots' Explanations of Automation Surprises 5370	Efficiency of a situation awareness training module in initial pilot training 2620	Ratings of Skill and Ability Requirements for Piloted versus Unpiloted Aircraft Operators	Motivation Orientation of United States Air Force Pilot Candidates 3250
Mauro, Loukopoulou, Trippe	Gayraud, Matton, Tricot	Arnold, Mangos	McBride
Transparency and conflict resolution automation reliability in air traffic control 3020	A Pedagogical Approach to Teach Aviation Students How to Conduct Situation Awareness Research 4330	Selection and Training of U.S. Navy Instructors Pilots	
Tripsilawati, Wickens	Dattel, Babin, Li, Dong, Fussell, Yang	Natali	

Thursday 1300 to 1350

Apollo

Invited Address

Spatial Disorientation in Flight – A Multi-Dimensional Problem Needing Multi-Faceted Solutions

Bob Cheung

Thursday 1410 to 1535

Apollo	Discovery	Endeavour	Atlantis
SR05	SR06	SR07	SR08
Implementing Automation	What's Up and Where's Everybody?	Military Pilot Selection	Symposium: Human Performance Assessment: Evaluation and Experimental Use of Wearable Sensors for Brain Activity 3160
Chair: Angelia Sebok	Chair: Jennifer Sutton	Chair: Dana Broach	Chair: Kurtulus Izzetoglu
Engineering for Humans: A New Extension to Systems Theoretic Process Analysis 5130	A Comparison of Helmet-Mounted Display Symbologies During Live Flight Operational	Compensatory and Non-Compensatory Models of Pilot Training Success 2960	Evaluation and Experimental Use of Optical Brain Imaging Sensor in Human Performance
France, Thomas	Schnell, Geiselman, Knox, Williams, Ercoliner	Rose, Barron, Weissmuller, Carretta, Trent	Izzetoglu
Adaptive Automation Based on Air Traffic Controller's Decision-Making 3550	USAF Spatial Disorientation Prevention: A Meta-Analytical Human Systems Integration Perspective 2940	Role of Primary Flying Performance in Pilot Training Tracks 3520	Maintaining the Objective: Assessing Pilot and Operator Cognitive State
IJtsma, Borst, Mercado Velasco, van Paassen, Mulder	O'Neill, Miller	Ihara, Shibata, Aiba, Nomiya, Kobayashi	Richards
Experimental Evaluation of a Scalable Autonomy Concept for Cognitive Agents aboard Reconnaissance UAVs 5070	Impact of temporal and spatial cues on the black hole illusion in approaching 5900	Classifying Unmanned Aircraft Pilots for ISR and Combat Missions 2920	To Improve Safety and Evaluation of Training in ATM Using Neuroscience-Based Technology
Rudnick, Schulte	Chang, Zhou, You	Barron, Rose, Carretta	Ding
Effects of Radar Side Conflict Probe Functionality on ATC Conflict Detection Performance and Efficiency 5990	Development of a model of "see and avoid" in parachuting 2980	Implementation of a Motion Flight Simulator of AMST in the Austrian Military Pilot Selection 5450	Weather Related Decision Making for Air Traffic Controllers and Pilots
Masalonis, Willems, Fincannon	Cutler, Revell	Held	Ling
			Operational View of Human Performance Assessment
			Willems

Thursday 1555 to 1715

Discovery	Endeavour	Atlantis
SR09	SR10	SR11
Panel: From Here to Autonomy: Challenges & Promises 5150	Psychophysiological Methods	Selection of Air Traffic Controllers
Chair: Robert Mauro	Chair: Laura Reinerman-Jones	Chair: Thomas Carretta
	Interactive Team Cognition: Does eye-gaze behavior also tell the story? 4520	Data-Driven Staffing Recommendations for Air Traffic Control Towers 3660
Mauro, Degani, Sherry, Feary, Barshi	Schulze Kissing, Barzantny, Bruder	Pierce, Craft
	Tracking Workload and Engagement in Air Traffic Control Students Using Electroencephalography Cognitive State Metrics 4750	Predicting Air Traffic Control Student Success and Improving Placement through Skill Aptitude Testing 5470
Mauro	Bernhardt, Jorgenson, Carlson, Drechsel, Iseminger, Poltavski, Ferraro, Petros	Schultheis, Hutson, Baldwin,
Degani	Identifying Physio-Behavioral Drivers of Performance Using Multivariate Causal Networks 5720	50 Years of Attrition Data in U.S. Air Traffic Control Specialist (ATCS) Field Training 5080
	Tolston, Strang, Funke, Miller, Menke, Brown	Broach
The Achilles Heel of Autonomy: Functional Complexity Failures	Periodic Blink Measures Using Dynamic Windowing 3440	
Sherry	Middendorf, Mead, Gruenwald, Credlebaugh, Galster	
Feary		