Day 1: Tuesday, June 17, 2008

Topic	1: Concepts, Theory, and Policy	8: C2 Architecture	6: Assessment Tools and Metrics	7: Network-Centric Experimentation and Applications	3: Modeling and Simulation	2: Networks and Networking	5: Organizational Issues	9: Collaborative Technology in Network-Centric Operations
Location	409	408	407	406	405	404	403	402
1:00 - 1:30	040 Schneider, Hubert Anglin, Dale Baumgarten, Erik Dinh, John Hall, Mark Raytheon Track 1 Raytheon Reference Architecture (RA): Enabling Timely & Affordable Customer Solutions	017 Lenahan, Jack Nash, Mike Charles, Phil SPAWAR Track 8 Beyond Reactive Planning: Self Adaptive Software and Self Modeling Software in Predictive Deliberation Management	004 Barton, Robert BAE Systems PLC - Future Systems Whittington, Dick Salamander Organization Track 6 Informing high level trades - some novel techniques	116 Ng, Ee Chong Chua, Ching Lian DSO National Laboratories Thunholm, Peter National Defence College Cheah, Mervyn Tan, Kin Yong Future Systems Directorate Chua, Nency DSTA Track 7 Exploring alternative Edge versus Hierarchy C2 Organizations using the ELICIT platform with Configurable Chat System	112 van Veen, Maarten van Fenema, Paul Grant, Tim NLDA Track 3 User Perspectives on the Design Logic in Military Training Simulators	042 Warne, Leoni DSTO Track 2 The Human Terrain of NCO	163 Desouza, Kevin Roy, Sumit Lin, Yuan University of Washington Track 5 Performance Measures for Edge Organizations: A Preliminary Report	097 Louvieris, Mashanovich, Collins, White, Faulkner, Levine, Henderson University of Surrey Track 9 Exploring Joint Usability and Decision Effectiveness using a Networked-Enabled Virtual Collaborative Working and Visualisation Environment for Military Planning
1:30 - 2:00	029 Hone, Geoffrey Whitworth, Ian Farmilo, Andy Cranfield University Track 1 The Awareness-Order-Action cycle and Battle-space Awareness	044 Jagiello, Jerzy Tay, Nicholas Eronen, Marko DSTO Track 8 A Robotic Middleware	011 Gill, Kate Dstl Track 6 Towards a Model of Capability Trading for UK Defence	080 Duncan, Matthew Jobidon, Marie-Eve Defence Research and Development Canada Toronto Track 7 Spontaneous Role Adoption and Self-synchronization in Edge Organizations Using the ELICIT Platform	115 Staal, Odd Martin Nielsen, Martin Normann Brathen, Karsten Norwegian Defence Research Establishment Track 3 Experimentation with Network Enabled Joint Tactical Training	084 West, Bruce Army Research Office Bowman, Elizabeth Rivera, Brian Army Research Laboratory Track 2 The Human Dimension of Networks	075 Bay, John Air Force Research Laboratory Track 5 Disruptive Effects of Net-Centricity on Command and Control	141 Grande, Darby Stelzer, Emily Patterson, Michael Tyler, Sherman Levchuk, Georgiy Aptima Lee, John Hoffman, Joshua University of Iowa Track 9 Supporting Adaptive C2 Structures in Time-critical Environments
2:00 - 2:30	058 Heier, Jeff MITRE Track 1 Mashup the OODA Loop	099 Landsman, Seth Mulgund, Sandeep MITRE Track 8 Design Patterns for Net-Centric Applications	McEver, Jimmie Martin, Danielle Hayes, Richard Evidence Based Research Track 6 Operationalizing C2 Agility: Approaches to Measuring Agility in Command and Control Contexts	079 Ruddy, Mary Meristic Nissen, Mark Naval Postgraduate School Track 7 New Software Platform Capabilities and Experimentation Campaign for ELICIT	142 Oh, Regine Sanchez, Susan Lucas, Thomas Wan, Hong Purdue University Track 3 Efficient Experimental Design Tools for Exploring Command and Control Organizational Structures	125 Oros, Carl Naval Postgraduate School Track 2 Mitigating C2 Complexity through Semantic Communications: A Model-based Communication Network Approach	109 Liu, Jing Zhou, Wei Chen, Honghui Luo, Xueshan National University of Defense Technology Track 5 Assessment of Hierarchical Command and Control organization structures	171 Regal, Robert Pacetti, Don SPAWAR Track 9 Extreme C2 and Multi-Touch, Multi-User Collaborative User Interfaces
2:30 - 3:00	038 Czarnecki, Jonathan Naval War College, Monterey Track 1 The Failed Thermostat: The Illusion of Control in an Information-Rich Age	167 Schneider, John AgileDelta Track 8 Efficient XML: Taking Net-Centric Operations to the Edge	026 Farmilo, Andy Whitworth, Ian Hone, Geoff Cranfield University Track 6 Analysis and planning using the HTA Tool	144 Manso, Marco EDISOFT Nunes, Paulo CINAMIL Track 7 ELICIT and the Future C2: Theoretical Foundations for the Analysis of ELICIT Experiments	155 Borgers, Erik Spaans, Mink Voogd, Jeroen TNO Defence Hieb, Michael George Mason University Bonse, Remco Utrecht University Track 3 Using a Command and Control Language to Simulate Operations in a Multi-Agent Environment	245 Versailles, David Research center of the French Air Force Track 2 Sharing awareness and problem solving: introducing the concepts of embodied knowledge, epistemic and pragmatic action	176 Ntuen, Celestine Gwang-Myung, Kim Park, Eui North Carolina A&T State University Track 5 Evaluation of Organizational Designs with Network-Centric Philosophy	188 Gustavsson, Per Saab Hieb, Michael George Mason University Eriksson, Patric More, Philip De Montfort University Niklasson, Lars University of Skövde Track 9 Machine Interpretable Representation of Commander's Intent
3:00 - 3:30	Break							

Day 1: Tuesday, June 17, 2008

Topic	1: Concepts, Theory, and Policy	8: C2 Architecture 4: Cognitive and Social Issues	6: Assessment Tools and Metrics	7: Network-Centric Experimentation and Applications	3: Modeling and Simulation 10: Civil-Military Endeavors	2: Networks and Networking	5: Organizational Issues	9: Collaborative Technology in Network-Centric Operations
Location	409	408	407	406	405	404	403	402
3:30 - 4:00	175 Ntuen, Celestine North Carolina A&T State University Track 1 The Process of Sensemaking in Complex Human Endeavors	246 Nitsche, Thomas FGAN/FKIE Track 8 Efficient Information Publishing in Service-Oriented C2IS based on Subject Managers	027 Whitworth, Ian Hone, Geoff Farmilo, Andy Cranfield University Track 6 Assessing the Order Process	202 Brickner, Michael Sheffer, Dganit Pamam Human Factors Engineering Sirkis, Amit Israel Defense Forces Track 7 Better decision making through representation and reduction of uncertainty in C3I information system	105 Levchuk, Georgiy Grande, Darby Levchuk, Yuri Aptima Pattipati, Krishna UCONN Kott, Alexander DARPA Track 3 Mission Plan Recognition: Developing Smart Automated Opposing Forces for Battlefield Simulations and Intelligence Analyses	077 Vick, Shon Cantu, Osbaldo Mashariki, Amen Ra Steen, Christopher Johns Hopkins University Applied Physics Laboratory Track 2 Expanding the Dynamic Collaboration in Teams of Portal and Non-Portal Based Users Using Semantic Based Tools and Constructs	226 Park, Chulwoo Pattipati, Krishna University of Connecticut Kleinman, David Naval Postgraduate School Track 5 Holonic scheduling concepts for C2 organizational design for MHQs with MOC	191 Lincourt, David Peukert, Hans Kowalkiewicz, Marek SAP Track 9 Situational Common Operating Picture for Collaborative Sensemaking
4:00 - 4:30	Marsay, David QinetiQ Track 1 Complexity concepts for Command and Intelligence	050 Christensson, S Anders Swedish National Defence College Track 4 Instruction sets to use and test a transformation towards an agreed end non-failing state	184 Moon, Il Chul Kim, Eunice Carley, Kathleen Carnegie Mellon University Track 6 Automated Influence Network Generation and the Node Parameter Sensitivity Analysis	016 Tolk, Andreas Old Dominion University Diallo, Saikou Virginia Modeling Analyses & Simulation Center Track 7 Community-of-Interest (COI) Model-based Languages enabling Composable Net-Centric Services	218 Dean, David Vincent, Alasdair Mistry, Beejal Dstl Spaans, Mink Petiet, Peter TNO Track 3 A process for placing the human at the centre of the constructive simulation	086 Sturm, John NuParadigm Government Systems Track 2 Potential Benefits & Implications of Privacy Protection and Anonymity for Command & Control through "Hidden Communications Services"	096 Grant, Timothy Netherlands Defence Academy Essens, Peter van der Kleij, Rick TNO Track 5 Reducing Operational Planning Cycle Time Using BPR and Concurrent Engineering	205 Zhao, Ying Kotak, Chetan Zhou, Charles Quantum Intelligence Track 9 Semantical Machine Understanding
4:30 - 5:00	074 Genik, Lynne Lefebvre, Julie DRDC Froh, Mike RatworX Track 1 Coalition Computer Network Defence (CND) Common Operating Picture (COP) Concept	031 Hansberger, Jeff ARL Track 4 The Distributed Cognitive Components of C2	186 Taylor, Richard DSTO Track 6 Computability Issues of Efficiency and Effectiveness of Organisational Models	018 Kingston, Gina Hew, Patrick DSTO Track 7 Designing "Killer Applications" of NCW – A process to support creation and innovation	256 Robledo, Luis Godoy, Eduardo Chilean Army Track 10 SIGEN: Simulation for Training and Management on Emergency Situations	065 Nyamekye, Kofi Integrated Activity-Based Simulation Research Track 2 Information Content for Adaptive Network Performance for C4ISR Systems-of-Systems: Queuing Theory and Axiomatic Design Approach	244 Shilling, Chris Slavin, David Pfizer International Shamir, Eitan Kings College Linkov, Igor USA Engineer RDC Track 5 Enabling Organizational Innovation: Scientific Process and Military Experience	219 McCubbin, Christopher Cost, R.Scott Dale, Markus Worley, Paul Bankman, Daniel Johns Hopkins University Applied Physics Laboratory Track 9 Extending Service Oriented Architectures to Edge Networks with Active Metadata and Swarming
5:00 - 5:30	111 Josefsson, Anders Marklund, Joakim Swedish Armed Forces Headquarters Hansson, Lars-Åke Swedish Defence Research Agency Track 1 IDC2—a new C2 concept within the framework of a Network Based Defence Concept	055 Valaker, Sigmund Braathen, Karsten FFI Track 4 An Exploratory Study of Transactive Memory System Development in a Geographically Distributed Temporary Organization	030 Hone, Geoffrey Whitworth, Ian Farmilo, Andy Cranfield University Swift, David HQ Land Forces Track 6 The Case for Coarse-grained After Action Review in Computer Aided Exercises	137 Uruguay, André Lessa, Nilton Santos, Carmen Instituto de Estudos Avançados Costa, Paulo George Mason University Track 7 C2OLISEU—A Meta-Model for Research and Development of Complex Network Centric Operations	063 Lofdahl, Corey BAE Systems Track 3 Synthesizing Information for Senior Policy Makers using Simulation: Working through an EBO example with system dynamics	207 Masi, Denise Fischer, Martin Garbin, David Noblis Track 2 GETS Survivability Analysis	100 Herranz, Joaquín Desouza, Kevin Roy, Sumit University of Washington Track 5 Coordination Strategies for Edge Organizations	225 Loomis, Jeremy Porter, Rob Hittle, Audie Desai, Chetan White, Russ ProLogic Track 9 Net-centric Collaboration and Situational Awareness with an Advanced User-Defined Operational Picture (UDOP)
5:30 - 7:30	**Reception**							

Day 2: Wednesday, June 18, 2008

Topic	1: Concepts, Theory, and Policy	4: Cognitive and Social Issues	8: C2 Architecture	7: Network-Centric Experimentation and Applications	3: Modeling and Simulation	2: Networks and Networking	5: Organizational Issues	9: Collaborative Technology in Network-Centric Operations
Location	409	408	407	406	405	404	403	402
11:30 - 12:00	007 Moffat, James Dstl Track 1 The Response to Hurricane Katrina: A Case Study of Changing C2 Maturity	146 Hutchins, Susan Kendall, Anthony Bordetsky, Alex Naval Postgraduate School Track 4 Understanding Patterns of Team Collaboration Employed To Solve Unique Problems	212 Hodicky, Jan Frantis, Petr University of Defence Brno Track 8 Virtual Reality Devices in C2 Systems	130 Powell, Laskey, Adelman, Dorgan, Johnson George Mason University Klementowski, Yost VIECORE Visone, Braswell TEC Track 7 Evaluation of Advanced Automated Geospatial Tools: Agility in Complex Planning	128 Woodley, Robert Gosnell, Michael Noll, Warren 21st Century Systems Track 3 Adding Culture to Command Decisions	083 Bowman, Elizabeth Thomas, Jeffrey ARL Track 2 C2 of Unmanned Systems in Distributed ISR Operations	150 Barker, Joseph Woodley, Robert Noll, Warren 21st Century Systems Frantz, Albert AFRL Track 5 Multi-agent System for Rapid TST Decision Support	056 Hudgens, Bryan Bordetsky, Alex Naval Postgraduate School Track 9 Feedback Models for Collaboration and Trust in Crisis Response Networks
12:00 - 1:00				**Lunch**				
1:00 - 1:30	162 Kramer, Franklin Starr, Stuart Wentz, Larry NDU Track 1 Towards a (Preliminary) Theory of Cyberpower	067 Eggenhofer, Petra Huber, Reiner Richter, Sebastian Universität der Bundeswehr München Track 4 Communication Processes and Patterns in High-Performing Networked Teams—A Qualitative Analysis	092 Koons, Jack Bordetsky, Alex Naval Postgraduate School Track 8 Knowledge Flow Mesh and its Dynamics: A Decision Support Environment	170 Ntuen, Celestine Gwang-Myung, Kim North Carolina A&T State University Track 7 A Sensemaking Visualization Tool with Military Doctrinal Elements	148 Levchuk, Georgiy Skarin, Bruce Serfaty, Daniel Aptima Pattipati, Krishna University of Connecticut Track 3 SECURE: Stochastic Enhanced Control of Unstable Regional Environments	180 Kalloniatis, Alexander DSTO Track 2 A New Paradigm for Dynamical Modelling of Networked C2 Processes	039 Carreño, José Galdorisi, George Siordia, Antonio SPAWAR Track 5 Leveraging Emerging Technology to Maintain Corporate Situational Awareness	003 Winkowski, Dan Krutsch, Michael MITRE Track 9 Collaborative Data Objects Enhanced Chat in Support of Net-Centric Collaboration
1:30 - 2:00	232 Skarda, Bryan Mills, Robert F. McDonald, Todd Strouble, Dennis AFIT Track 1 Operationalizing Social Engineering for Offensive Cyber Operations	120 Waldenström, Christofer Swedish National Defence College Track 4 What Is Difficult in Naval Sensemaking?	107 Entin, Elliot Weil, Shawn Aptima Hutchins, Susan Kleinman, David Hocevar, Susan Kemple, William Pfeiffer, Karl Naval Postgraduate School Track 8 Two Types of ISR Commands Under Two Different Mission Intensities: Examining ESG Concepts	045 Miller, Gregory Kujawski, Edouard Naval Postgraduate School Track 7 Integration of the Dynamic Model of Situated Cognition in the Design of Edge Organizations	151 Waltz, Ed BAE Systems Track 3 Situation Analysis and Collaborative Planning for Complex Operations	147 Singh, Gurminder Naval Postgraduate School Track 2 Hastily-Formed Networks for First Responders	157 Scacchi, Walt Jensen, Chris University of California, Irvine Track 5 Governance in Open Source Software Development Projects: Towards a Model for Network-Centric Edge Organizations	035 DeStefano, Chad Lachevet, Kurt Carozzoni, Joseph AFRL Track 9 Distributed Planning in a Mixed-Initiative Environment
2:00 - 2:30	132 Powell, Gerald Matheus, Christopher Ulicny, Brian Dionne, Robert Kokar, Mieczyslaw Lorenz, David VIStology Track 1 An Analysis of Situation Development in the Context of Contemporary Warfare	139 van den Heuvel, Gijs Grant, Tim Soeters, Joe Netherlands Defence Academy Track 4 Research Model of Cultural Influences on Information Sharing via C2 Systems	154 Boury-Brisset, Anne-Claire DRDC Track 8 Concepts and technologies for a knowledge environment supporting situation awareness	002 Smith, Kip Linköping University Track 7 The Impact of Remote C2 on Soldiers' Performance and Trust in their Leader	005 Schubert, Johan Ferrara, Luigi Hörling, Pontus Walter, Johan Swedish Defence Research Agency Track 3 A Decision Support System for Crowd Control	160 Gateau, Jamie Bordetsky, Alex Naval Postgraduate School Track 2 Extending Simple Network Management Protocol (SNMP) Beyond Network Management: A MIB Architecture for Network-Centric Services	012 Liebowitz, Jay Ivanov, Emil Johns Hopkins University Track 5 Extending Cross-Generational Knowledge Flow Research in Edge Organizations	087 Kilian, James Lockheed Martin Track 9 Planning for Task Assignment Agility in Large Heterogeneous Teams
2:30 - 3:00	138 Gualtieri, James Elm, William Peffer, Jay Resilient Cognitive Solutions Track 1 Network-Centric Analysis and Representation Requirements for Successful Effects Based Operations	019 Johansson, Björn Combitech AB Nilsson, Susanna Linköping University Track 4 Augmented Reality as a tool to achieve common ground for network based operations	173 Spetka, Scott ITT Corp/SUNYIT Flynn, Christopher AFRL Track 8 High Productivity Computing Systems for Command and Control	088 North, Forsythe, Frey, Iny, Ockerman, Pafford, Salamacha, Warfield Johns Hopkins University Applied Physics Laboratory Track 7 Experimentation via the Use of an Executable Workflow Model to Evaluate C2 Decision Quality	156 Levchuk, Yuri Lubyansky, Alexander Aptima Track 3 Cultural Agent Model to Predict inHabitant Opinion Reactions (CAMPHOR): Building and Applying a Dynamic Human Terrain Map	140 Grande, Darby Levchuk, Georgiy Stacy, E. Webb Aptima Kruger, Martin ONR Track 2 Identification of Adversarial Activities: Profiling Latent Uses of Facilities from Structural Data and Real-time Intelligence	131 Holsapple, Clyde Li, Xun University of Kentucky Track 5 Understanding Organizational Agility: A Work-Design Perspective	101 Risser, Matthew Smallman, Harvey Pacific Science & Engineering Group Track 9 Networked Collaborative Intelligence Assessment
3:00 - 3:30				**Break**				

Day 2: Wednesday, June 18, 2008

Topic	8: C2 Architecture	4: Cognitive and Social Issues	6: Assessment Tools and Metrics	7: Network-Centric Experimentation and Applications	10: Civil-Military Endeavors	11: Multinational Endeavors	5: Organizational Issues	9: Collaborative Technology in Network-Centric Operations
Location	409	408	407	406	405	404	403	402
3:30 - 4:00	164 Levchuk, Yuri Freeman, Jared Levchuk, Georgiy Aptima Track 8 Applying A2C2 Framework to C2 Challenges of Maritime Headquarters with Maritime Operation Center	049 Donovang-Kuhlisch, Margarete Small, Michael IBM Track 4 Hybrid Collaborative Information Environments (CIE) for enhanced Decision Support	032 Hansberger, Jeffrey Schreiber, Craig Spain, Randall ARL Track 6 C2 Network Analysis: Insights into Coordination & Understanding	051 Hafsoe, Trude Johnsen, Frank Norwegian Defence Research Establishment Track 7 Reducing Network Load through Intelligent Content Filtering	Stevens, Chiesha Heacox, Nancy Pacific Science & Engineering Group Track 10 Using NATO Human View Products to improve Defense Support to Civil Authority (DSCA)	235 Ekman, Olof Uhr, Christian Lund University Track 11 Crisis Specific Social Networks: The Interplay between Organisational Legitimacy and Personal Trust	108 Koons, Bekatoros, Nissen Naval Postgraduate School Track 5 C2 for Computer Networked Operations: Using Computational Experimentation to Identify Effects on Performance in Organizational Configurations within the Larger Network-Centric Environment	114 Kruse, John MITRE Helquist, Joel Utah Valley State College Adkins, Mark Accenture Track 9 Large-Scale Collaboration for Ill-Structured Problems
4:00 - 4:30	015 Gunn, Kevin Dandashi, Fatma Edwards, David MITRE Track 8 A Service Oriented Architecture (SOA) Approach to Department of Defense Architecture Framework (DoDAF) Architecting	066 Eggenhofer, Huber, Lechner, Richter, Römer Universität der Bundeswehr München Track 4 The Effects of Individual and Team Characteristics, Organizational Design, Team Building and Trust on the Performance of Small Networked Teams	153 Peffer, Jay Tittle, James Gualtieri, James Elm, William Resilient Cognitive Solutions Track 6 How costly is your C2 Coordination? Assessing the coordination requirements within Command and Control	052 Johnsen, Frank Hafsøe, Trude Norwegian Defence Research Establishment Track 7 Using NFFI Web Services on the tactical level: An evaluation of compression techniques	216 Trent, Stoney Voshell, Martin Fern, Lisa Stephens, Robert United States Military Academy Track 10 Designing to Support Command and Control in Urban Firefighting	133 Larsson, Annika Cranfield University Rasmussen, Louise Klein Associates Track 11 Social sensemaking in multinational groups: a common ground approach	028 Kuusisto, Rauno Finland Futures Research Centre Track 5 Analyzing the Command and Control Maturity Levels of Collaborating Organizations	172 Chamberlain, Samuel ARL Keltz, Ilean MASO Track 9 Lessons Learned in Using and Adapting an Information Exchange Data Model
4:30 - 5:00	119 Kohl, Andersonn Brazilian Army Track 8 Command and Control Systems Integration: A Brazilian Experience	059 Jacobs, Jim Lange, Amy Watts, John Bryan, John Irk, Kathie Raytheon Sedlmeyer, Robert Indiana University-Purdue University at Fort Wayne Track 4 An Architecture for Policy-based C2 Decision Support Systems	203 Cramer, Megan PMS495 Mine Warfare Program Office Track 6 Understanding Information Uncertainty within the Context of a Net-Centric Data Model: A Mine Warfare Example	200 Gnadt, William Lockheed Martin Track 7 SOVEREIGN: An Autonomous Neural System for Goal-oriented Mobile Robot Navigation	057 Heier, Jeff Schweitzer, James MITRE McCallister, James HQ EUCOM/ECJ67 Track 10 Mashups and Their Use in the Civilian-Military Planning Process	008 Mahaffey, John NATO C3 Agency The Hague Track 11 Integrating Multinational Organizations in Complex Operations: Dampening the Learning Curve	166 Drozdova, Katya National Security Innovations Track 5 Emergent Leadership in Network Organizations	231 Hansen, Bjørn Jervell Norwegian Defence Research Establishment Track 9 Application of Semantic Technologies in Network Based Defence
5:00 - 5:30	208 Tieso, John Thornburg, Charles Booz Allen Hamilton Track 8 Managing the Life Cycle of Net-Centric Architectures	037 Ford, Anthony Lawton, James Air Force Research Laboratory Information Directorate Track 4 Synthesizing Disparate Experiences in Episodic Planning	117 Rowe, Neil Sjoberg, Eric Adams, Paige Naval Postgraduate School Track 6 Automatically Tracing Information Flow of Vulnerability and Cyber-Attack Information through Text Strings	206 Martin, Danielle McEver, Jimmie Evidence Based Research Track 7 Metrics, Analysis and Methods for the Exploitation of ELICIT Experimental Data	213 Zumel, Nina Quimba Software Franco, Zeno Beutler, Larry Pacific Graduate School of Psychology Track 10 Improvisation as a Training Framework for Emergency Managers	025 Hecking, Matthias Schwerdt, Christina FGAN/FKIE Track 11 Multilingual Information Extraction for Intelligence Purposes	183 Miles, Jonathan Davison, Mike Dstl Track 5 Self-synchronisation and the future maritime force	113 Hagiwara, Clifford Gotaishi, Masahito Aoki, Kazuo Nihon University Track 9 Network-Centric Healthcare Algorithm Development for the Behavior Change in Non-Intrusive way
5:30	**Adjourn**							

Day 3: Thursday, June 19, 2008

Topic	1: Concepts, Theory, and Policy	4: Cognitive and Social Issues	6: Assessment Tools and Metrics	5: Organizational Issues / 3: Modeling and Simulation	10: Civil-Military Endeavors	11: Multinational Endeavors	2: Networks and Networking	9: Collaborative Technology in Network-Centric Operations
Location	409	408	407	406	405	404	403	402
11:30 - 12:00	021 Grisogono, Anne-Marie DSTO Spaans, Mink TNO Track 1 Adaptive Use of Networks to Generate an Adaptive Task Force	129 Lenahan, Jack Nash, Mike Charles, Phil SPAWAR Track 4 Improved Decision Making in an Environment of Extreme Uncertainty through the Application of Augmented Cognition	196 English, Shampine, Adams, Muniak, Kratovil NSWC, NOSSA Vanderbilt, Lockheed, SAIC Track 6 The Safety of Unmanned Systems: The Development of Safety Precepts for Unmanned Systems (UMS)	009 Barrett, Frank Nissen, Mark Naval Postgraduate School Track 5 Self-Organization and - Synchronization at the Edge: Situated Action, Identity and Improvisation	095 Huber, Richter, Römer, Lechner Universität der Bundeswehr München Track 10 Assessment of C2 Maturity against the Background of Complexity of Disaster Relief Operations: Two Case Studies of the Tsunami 2004 and Elbe Flood 2002	217 de Nijs, Han Williams, Andy Supreme Allied Command Transformation Track 11 On the Introduction of Effects Based Assessment into NATO's Processes, Organization and Tools	118 Sundram, Joshua Sim, Phua Poh Rowe, Neil Singh, Gurminder Naval Postgraduate School Track 2 Assessment of Electromagnetic and Passive Diffuse Infrared Sensors in Detection of IED-Related Behavior	248 Farrell, Philip Canadian Forces Experimentation Centre Track 9 New Operations Decision Support Requirements derived from a Control Theory Model of Effects-Based Thinking
12:00 - 1:00	**Lunch**							
1:00 - 1:30	214 Smith, Edward Clemente, Mark Boeing Grisogono, Anne-Marie DSTO Track 1 Cajole and Coordinate? C2 in Whole-of: -Government, -Nation, and -Coalition Action	136 Berg-Cross, Gary EM&I Kwon, Augustine ICF International Fu, Wai-Tat University of Illinois at Urbana-Champaign Track 4 A Cognitive-based Agent Architecture for Autonomous Situation Analysis	061 Natter, Mandy Ockerman, Jennifer Baumgart, Leigh Johns Hopkins University Applied Physics Laboratory Track 6 Review of Cognitive Metrics for C2	161 Clemence, McEver, Signori, Hartley, Sciarretta, Starr Evidence Based Research Hartley Consultants CNS Technologies Barcroft Research Institute Track 3 Verification, Validation, and Accreditation (VV&A) of Complex Societal Models & Simulations (M&S)	221 Dourandish, Robert Quimba Software Track 10 Using Demographics to Enhance Command Functions	043 Galdorisi, George Hszich, Stephanie SPAWAR McKearney, Terry The Ranger Group Track 11 Networking the Global Maritime Partnership		098 McMahon, Margaret Firkin, E. C. Hagen, G. J. Raytheon Solipsys Track 9 Netcentric Operations with Hawaii's Emergency Management Center
1:30 - 2:00	036 Staskevich, Gennady Hudack, Jeffrey Lawton, James Carozzoni, Joseph AFRL Track 1 Semantic Interoperability in Distributed Planning	053 Senglaub, Michael Sandia National Laboratories Track 4 Automated Decision Support in a Complex Information Space	060 Acosta, Edmundo Nolden, Wes Gross, Tom Air Mobility Command Track 6 A Useful Methodology for Cost-Benefit Evaluations of Cognitive Process Improvements in Complex Command and Control (C2) Endeavors	072 Taylor, Ivan Petryk, Roman DRDC Track 3 Quantitative Models for Performance and Cost of Command, Control, Communications, Computers and Information Systems	237 Allen, Dave Chow, Renee Trinh, Kevin Farrell, Philip DRDC Track 10 Information Management Processes in Support of Major Event Security	127 Iwanska, Lucja 21st Century Systems Track 11 Automatic Acquisition of Multi-Cultural and Other Normative Knowledge for Modeling Typical Beliefs, Behaviors, and Situations	209 Heickerö, Roland Swedish Defence Research Agency Track 2 Terrorism online and the change of modus operandi	122 Adkins, Grosse, Baldwin Accenture Coats, USAF Kruse, AK Collaborations Track 9 Network-Centric Command Decision Services (netCDS) for the Component Numbered Air Force (7th Air Force Korea and 13th Air Force)
2:00 - 2:30	085 Clemente, Mark Boeing Track 1 NATO: Flirting with a More Comprehensive Approach to Alliance Security	102 Custy, John SPAWAR Rowe, Neil Naval Postgraduate School Track 4 Conditional Entropy for Deception Analysis	070 Martinez, Carlos Cane, Sheila Abdul-Rauf, Salwa Smith, Kevin Lee, Kristin MITRE Track 6 Application of Network Visualization to Identify Gaps in Complex Information System Architectures	082 Arsenault, John TRICOR Industries Stephens, Larry Dynamics Research Corporation Track 3 Modeling Impacts of Operational Changes on Joint Campaign Effects	168 Chaum, Erik NUWC Christman, Gerard OASD (NII) Track 10 Making Stability Operations Less Complex While Improving Interoperability	190 Larsson, Cranfield University Whiteley, Systems Engineering & Assessment Kao, Poteet, Xue Boeing Track 11 A Multidimensional Approach to Studying Cultural Differences and Coping Strategies in a Multinational Coalition Environment	181 Kalloniatis, Alexander DSTO Track 2 Communications, C2-Entropy and Military Command	123 Hutchins, Susan Gallup, Shelley MacKinnon, Doug Schacher, Gordon Miller, Scot Naval Postgraduate School Freeman, Jared Aptima Dunaway, Dan SYS Corp Poelder, Brad Poelder Consulting Track 9 Enhancing Maritime Domain Awareness
2:30 - 3:00	169 Curts, Raymond Strategic Consulting Campbell, Douglas Syneca Research Group Track 1 Transitioning from "Command & Control" To "Command & Trust"	076 Salamacha, Christine Teates, H. Bennett Johns Hopkins University, Applied Physics Laboratory Track 4 A Framework for Effective, Interoperable Collaboration	252 Fiore, Rosen, Salas, University of Central Florida Letsky, ONR Warner, NAVAIR Track 6 Macrocognition in Command and Control: Understanding and assessing verbal and non-verbal communications during complex collaborative problem solving	165 Allen, Thomas Starr, Stuart IDA Bexfield, James Office of the Secretary of Defense Track 3 Perspectives on the Analysis Modeling & Simulation Business Plan	243 Norquist, Bruce Colorado Army National Guard Track 10 Common Operating Picture and Planning Environment for Disaster Response	152 Schade, Ulrich FGAN-FKIE Hieb, Michael George Mason University Track 11 A Linguistic Basis For Multi-Agency Coordination	241 Grimaila, Michael Mills, Robert AFIT Fortson, Larry AFRL Track 2 An Automated Information Asset Tracking Methodology to Enable Timely Cyber Incident Mission Impact Assessment	194 de Jong, Jeroen Hiemstra, Hans te Marvelde, Arjan Thales Burghouts, Gertjan Schutte, , Klamer Spaans, Mink TNO van Norden, Wilbert Defence Materiel Organisation Track 9 Hold Your Fire!: Preventing Fratricide in the Dismounted Soldier Domain
3:00 - 3:30	**Break**							

Day 3: Thursday, June 19, 2008

Topic	1: Concepts, Theory, and Policy	4: Cognitive and Social Issues	6: Assessment Tools and Metrics	5: Organizational Issues 3: Modeling and Simulation	10: Civil-Military Endeavors	9: Collaborative Technology in Network-Centric Operations 10: Civil-Military Endeavors	2: Networks and Networking	9: Collaborative Technology in Network-Centric Operations
Location	409	408	407	406	405	404	403	402
3:30 - 4:00	178 Hanlon, Brian DSTO Track 1 Enhancing Cooperation in Complex Endeavours through Quantum Information Exchange	185 Martinez, Sandra U.S. Army War College Track 4 Leadership as an Emergent Phenomenon: A Framework for Complexity and Adaptability	046 Miller, Gregory Naval Postgraduate School Track 6 Alternative Designs for a Joint Command, Control, Communications, Computers, and Intelligence (C4I) Capability Certification Management (JC3M) System	195 Forsythe, Steven Johns Hopkins University Applied Physics Laboratory Track 3 A Generalized Command and Control Probability Model	233 Bell, Michael Alidade Track 10 Group Decision Making by Insects and Humans	064 Schwartz, Daniel Knott, Benjamin Galster, Scott AFRL Track 9 Effects of Visual Communication Tool and Separable Status Display on Team Performance and Subjective Workload in Air Battle Management	124 Muller, Erik Grant, Tim Netherlands Defence Academy Poll, Erik Radboud University of Nijmegen Track 2 Multi Level Security, 3.5 decades later	210 Donnelly, Brian Galster, Scott AFRL Track 9 Prioritization Taxonomy and Logic for Network-Centric Operations
4:00 - 4:30	182 Brehmer, Berndt Swedish National Defence College Track 1 Command and Control Research is a "Science of the Artificial"	089 Fletcher, Jordan Sandhoo, Kanwaljit MITRE Track 4 Building a Future-Ready Community of Interest	159 Bau, Nico Gerz, Michael Glauer, Michael FGAN FKIE Track 6 Testing C2 Interoperability: Advancements in Testing of the MIP Baseline 3 Solution	081 Fischer, Amber Denny, Nathan 21st Century Systems Track 3 VISHON: Vertical Integration of Sensors providing Human-on-the-loop Optimal kNowledge	251 Baller, Daniel Lospinoso, Joshua United States Military Academy Track 10 Specific Communication Network Measure Distribution Estimation	201 Hayes, Richard Owen, Donald Evidence Based Research Track 10 Golden Phoenix 07: A Baseline for Assessing Civil Military Coordination for Disaster Response		234 Pullen, J. Mark Levine, Stanley Hieb, Michael George Mason University Track 9 Using Web Service-Based Command and Control to Support Coalition Collaboration in C2 and Simulation
4:30	**Adjourn**							