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Contents

v *Authors*

vii *Conference Committee*

ix *Introduction*

SESSION 1 OPEN ARCHITECTURE SYSTEMS I

10205 02 **Sensor Open System Architecture (SOSA) evolution for collaborative standards development (Invited Paper)** [10205-1]

10205 03 **GBU-X bounding requirements for highly flexible munitions (Invited Paper)** [10205-2]

10205 04 **Mission Systems Open Architecture Science and Technology (MOAST) program (Invited Paper)** [10205-3]

SESSION 2 OPEN ARCHITECTURE SYSTEMS II

10205 06 **Model based design introduction: modeling game controllers to microprocessor architectures** [10205-6]

10205 07 **EASEE: an open architecture approach for modeling battlespace signal and sensor phenomenology** [10205-7]

10205 08 **Using virtual reality and game technology to assist command and control** [10205-9]

SESSION 3 COMMUNICATION AND SENSOR NETWORKS

10205 09 **Communication networks for the tactical edge (Invited Paper)** [10205-10]

10205 0D **System architecture of communication infrastructures for PPDR organisations** [10205-14]

10205 0E **Sensor network architecture for monitoring turtles on seashore** [10205-15]

10205 0F **Application of assurance-driven design to capability set management** [10205-16]

SESSION 4 OPEN ARCHITECTURE SYSTEMS III

10205 0H **Next Generation Space Interconnect Standard (NGSIS): a modular open standards approach for high performance interconnects for space (Invited Paper)** [10205-18]

SESSION 5 AUTONOMOUS C4ISR SYSTEMS OF THE FUTURE: JOINT SESSION WITH CONFERENCES 10194 AND 10205

10205 0I **On the application of neural networks to the classification of phase modulated waveforms (Keynote Paper)** [10205-19]

10205 0J **Blue Guardian: open architecture intelligence, surveillance, and reconnaissance (ISR) demonstrations (Invited Paper)** [10205-20]

Authors

Numbers in the index correspond to the last two digits of the seven-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first five digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Badawy, Abdel-Hameed, 06
Bagby, Patrick T., 03
Baldwin, Rusty, 02
Borden, Christian T., 07
Borntrager, Luke A., 0J
Buchenroth, Anthony, 0I
Cafarelli, Sergio, 03
Carreto-Arellano, Chadwick, 0E
Carvajal-Gámez, Blanca E., 0E
Chakravarthy, Vasu, 0I
Colin, Abilene, 0E
Collier, Charles Patrick, 02, 0H
Cruz, Victor, 0E
Davidson, Steven A., 02
Díaz-Casco, Manuel A., 0E
Ekegren, Michael T., 07
Escobar, Carolina, 0E
Evans, Joseph B., 09
Ewy, Benjamin J., 09
Franco, Andrea, 0E
Green, David M., 0J
Hébert, Anthony J., 03
Ibrahim, Tim, 02
Jungwirth, Patrick, 06
Kovach, Nicholas, 04
Kroculick, Joseph B., 0F
Lipkin, Ilya, 02
Littlejohn, Kenneth, 04
Mangino, Joseph, 08
Müller, Wilmuth, 0D
Nowak, Michael, 0I
Orlovsky, Michael C., 02
Pennington, Steven G., 09
Rajabian-Schwart, Vahid, 04
Riead, Lorien H., 08
Satterthwaite, Charles P., 04
Shaver, Jonathan, 03
Shirey, Russell G., 0J
Soine, Andrew T., 0J
Straub, James, 08
Waldrop, Lauren E., 07
White, Reed, 03
Wilson, D. Keith, 07
Yim, Joong Gon, 0I

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Jacob Glassman, Naval Sea Systems Command (United States)

3 Communication and Sensor Networks
Raja Suresh, General Dynamics Mission Systems (United States)
Patrick Jungwirth, U.S. Army Research, Development and Engineering Command (United States)

4 Open Architecture Systems III
Raja Suresh, General Dynamics Mission Systems (United States)

5 Autonomous C4ISR Systems of the Future: Joint session with conferences 10194 and 10205
Wolfgang Fink, The University of Arizona (United States)
Raja Suresh, General Dynamics Mission Systems (United States)
Jason R. Stack, Office of Naval Research (United States)

6 Self-organizing, Collaborative Unmanned Robotic Team: Joint session with conferences 10195 and 10205
Raja Suresh, General Dynamics Mission Systems (United States)

Introduction

These are the proceedings of the twenty second Open Architecture/Open Business Model Net-centric Systems and Defense Transformation conference. The papers presented at the conference strongly reflected the inexorable trend towards Open Architecture/Open Business Model acquisition patterns to provide the government Better Buying Power (BBP). The conference included the following joint sessions:

1. Self-organizing Collaborative Unmanned ISR Teams, held jointly with the Unmanned Systems Technology conference.
2. Autonomous C4ISR Systems of the Future, held jointly with the Micro-and Nanotechnology Sensors, Systems, and Applications conference.

The conference included a special session on Communication and Sensor Networks.

The conference included invited papers by several luminaries from the DoD.

Looking ahead, we expect Net-centric systems to increasingly focus on Open Architectures (OA) and Open Business Models (OBM). Such OA/OBM systems seek to mimic the successful PC industry and hold the promise to dramatically reduce the acquisition and life cycle costs of military systems, and tremendously accelerate the rate of technology refresh in military systems.

It is gratifying to see the high level of audience interest in this conference. Particularly gratifying is the fact that this conference has resulted in the "spin-off" of several new conferences at SPIE Defense & Security. My sincere thanks to the distinguished invited speakers, authors, attendees, and my associates on the program committee for another successful conference.

Raja Suresh