

1999 Fall SIW Recommended Reading List

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The following papers have been selected by the SISO Conference Committee for inclusion in the Recommended Reading List for the 1999 Fall Simulation Interoperability Workshop.

These papers were selected from among those nominated by the Forum PRPs as the ones they thought were most important to be read by the people who didn't attend their Forums. Taken as a whole, we believe that these papers provide a summary overview of the best ideas presented across the various Forums at this Workshop.

The papers are listed below in descending order of consensus among the judges. The first paper was a unanimous choice among the seven reviewers. Equally ranked papers are listed in numerical order.

These papers may be accessed at **the SISO file library**.

On behalf of the SISO Conference Committee, I would like to extend our congratulations to all of the authors of these papers, and to express our appreciation for their contribution to a very successful Simulation Interoperability Workshop.

Duncan Miller
Chair, Conference Committee

99F-SIW-020.doc Use of Mixed Time and Fidelity Legacy Simulations in an Engineering Federation Simulation

Sally A White, *UK DERA*

99F-SIW-064.doc Federation Decomposition: HLA Metrics

Ann F. Pollack, *Johns Hopkins Univ. APL*
John P. Baker, *Johns Hopkins Univ. APL*

99F-SIW-183.doc Choosing A Coordinate Framework For Simulations

Dr. Ralph M. Toms, *SRI International*
Paul A. Birkel, *The MITRE Corporation*

99F-SIW-078.doc RTI Recommended Practices

Jerry W Black, *SAIC*
David L. Harris, *SAIC/LANL*

99F-SIW-120.doc J9901: Federation Development for Joint Experimentation

Andy Ceranowicz, *AB Technologies*
Mark Torpey, *Lockheed Martin Info Systems*
Bill Helfinstine, *Lockheed Martin Info Systems*
Dave Bakeman, *Lockheed Martin Info Systems*
John McCarthy, *Toyon Research Corporation*
Lizann Messerschmidt, *The MITRE Corporation*
Stephen McGarry, *MIT Lincoln Laboratory*
Steven Moore, *BMH Associates*

99F-SIW- M&S/C4ISR Conceptual Reference Model

060.doc Richard L. Ressler Ph.D., *Booz*Allen & Hamilton*
Micheal R. Hieb, Ph.D., *AB Technologies*
William Sudnikovich, US Army CECOM

99F-SIW-008.pdf **Using ATCCIS as an Information Layer to Couple CGF Federates and Closed Combat**
Dr. Andreas Tolk, *IABG (Germany)*

99F-SIW-016.doc **On-line Data Processing in a Civil Transportation Federation**
Thomas Schulze, *Otto-von-Guericke Univ (Germany)*
Steffen Strassburger, *Otto-von-Guericke Univ (Germany)*
Ulrich Klein, *Fraunhofer Institute (Germany)*

99F-SIW-050.pdf **DEVIL: Demonstrator for the Connection of Virtual and Live Simulation**
Jochen Reimer, *IABG (Germany)*
Dr. Andreas Tolk, *IABG (Germany)*

99F-SIW-073.doc **HLA and Beyond: Interoperability Challenges**
Dr. Judith Dahmann, *DMSO*
Marnie Salisbury, *The MITRE Corporation*
Chris Turrell, *AB Technologies*
Dr. Phil Barry, *The MITRE Corporation*
Paul Blemberg, *AB Technologies*

Study Group Report

99F-SIW-001.doc **RTI Interoperability Study Group Final Report**
Michael Myjak, *The Virtual Workshop*
Duncan Clark, *IBM Hursley (UK)*
Tom Lake, *InterGlossa Ltd. (UK)*