



**International Council on Systems Engineering
Delaware Valley Chapter Meeting**
(Non-members welcome to attend)

Theme: INCOSE Symposium Papers

Speaker 1: Bryan S. Cline, The Children's Hospital of Philadelphia: **Factors Related to the Implementation of Information Systems Security Engineering: A Quality Perspective**

For abstracts and authors biographical summary, see next page.

As part of Chapter Business one of the members will announce his new book shortly due for publication: Sustainable Development Possible with Creative System Engineering.

Meeting Date: **Wednesday June 11, 2008**

\$10 for the buffet meal (students \$5)

Agenda: 5:30 to 6:00 Arrival and Introductions
6:00 to 6:30: Buffet Meal
6:30 to 6:45: Chapter Business
6:45 to 7:30: Speaker 1
7:30 to 7:40: Break (optional)
7:40 to 8:25: Speaker 1 (continue)
8:25 to 8:30: Wrap Up (may break sooner)

Place: L-3 Communications,
A&E Building, Auditorium
1 Federal Street, Camden, NJ

For directions to L-3 please visit the web site
http://www.l-3com.com/cs-east/ie_locmap.shtml
<http://www.l-3com.com/cs-east/gif/smallmap.gif>

Please contact Walt.Sobkiw@L-3com.com if you plan to attend this event. Please let him know if you are not a U.S. citizen so he can get the necessary approval, ASAP.

For further information about the International Council on Systems Engineering please visit the INCOSE website at <http://www.incose.org/> and the Delaware Valley Chapter website at <http://www.incose.org/delvalley/>



**International Council on Systems Engineering
Delaware Valley Chapter Meeting**
(Non-members welcome to attend)

Factors Related to the Implementation of ISSE: A Quality Perspective

Biography: Bryan S. Cline, CISA, CISM, CISSP-ISSEP, CPP, CAP, is Director of IS Risk Management for The Children’s Hospital of Philadelphia, Pennsylvania (USA), and former Technical Director for Information Assurance Services for QinetiQ North America Defense Solutions in Stafford, Virginia (USA). He has more than 25 years of experience in information systems - 10 years of which were in information systems security management and engineering in the US Department of Defense and North Atlantic Treaty Organization - and became part of the quality movement in 1991 supporting quality program implementations in three commands. Mr. Cline is currently pursuing a doctorate in information assurance from the University of Fairfax, Vienna, Virginia (USA).

Abstract: ‘Bolting on’ security functionality in Information Technology (IT) systems late in the System Development Life Cycle (SDLC) can be expensive and adversely affect system functionality and usability. Information Systems Security Engineering (ISSE) is a specialized application of systems engineering that addresses the identification of security requirements and their successful translation into IT system design. Yet experience has shown that security is often the “sacrificial lamb” when project managers seek to trade scope to meet cost and schedule requirements despite increasing security and privacy regulation in multiple industries. Given the proper application of ISSE would preclude such choices, overcoming barriers to implementation of ISSE in the SDLC would help project managers provide targeted application of scarce resources; facilitate proper security engineering; reduce overall risk to project scope, cost and schedule; and address the most critical IT security compliance issues affecting their project.