

Collaboration on Information Assurance Technical Activities

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ABSTRACT:

The Information Technology and Operations Center (ITOC) of the Department of Electrical Engineering and Computer Science was formed in 1999 to conduct research and educate cadets concerning information assurance aspects of information systems. For the past four years the ITOC has collaborated with The Information Assurance Center of the U. S. Army Research Laboratory (ARL) in support of information assurance technical activities. This collaboration has been accomplished through participation in the Task Force on Information Assurance (TFIA) of the Institute of Electrical and Electronics Engineers (IEEE) Computer Society. Mr. Jack Cole has been the Chair of the TFIA and Dr. James has been a member of the Executive Committee. Over this period of time the TFIA has sponsored a series of International Workshops on Information Assurance (IWIA), <http://iwia.org/2005/> , and sponsored IEEE standards development activities.

The full paper will summarize the current efforts on completing an IEEE Standard for an Information System Security Assurance Architecture (ISSAA), <http://www.issaa.org> , and current efforts to integrate activities of the TFIA with the IEEE Technical Council on Software Engineering (TCSE) <http://www.tcse.org> .

KEYWORDS: information assurance, information security, confidentiality, integrity, assurance

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