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## Call for participation first ACM workshop on education in computer security

Irvine, Cynthia; Orman, Hilarie

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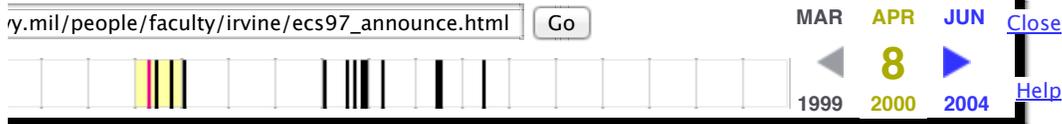
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# CALL FOR PARTICIPATION FIRST ACM WORKSHOP ON EDUCATION IN COMPUTER SECURITY

29-31 January 1997  
Monterey, California USA

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**PROGRAM Co-Chairs:**

Cynthia Irvine, Naval Postgraduate School  
Hilarie Orman, DARPA ([University of Arizona](#))

**PROGRAM COMMITTEE:**

Matt Bishop, University of California, Davis  
Heather Hinton, Ryerson Polytechnic University  
Cynthia Irvine, Naval Postgraduate School  
Erland Jonsson, Chalmers University of Technology  
Hilarie Orman, DARPA  
Ron Ross, Institute for Defense Analyses  
Dennis Volpano, Naval Postgraduate School

**SCOPE**

The security of information systems and networks is a growing concern. Experts are needed to design and organize the protection mechanisms for these systems. Both government and industry increasingly seek individuals with knowledge and skills in computer security. In the past, most traditional computer science curricula bypassed formal studies in computer security altogether. An understanding of computer security was achieved largely through on-the-job experience. This is both haphazard and inefficient. There is a need to include computer security in computer science education.

The Workshop on Education in Computer Security is intended to bring together those interested in developing and enhancing instruction in computer security within undergraduate and graduate computer science programs. The Workshop's objectives are to provide a forum for discussion of ideas and techniques in computer security education. Due to the anticipated variety of requirements for and approaches to computer security education, we do not anticipate that there will be consensus as to an "ideal" path to computer security education. Instead, it is expected that an outcome of the workshop will be the identification of key topics that should be common to all educational programs. In addition, the workshop will provide

a stimulus for further efforts in computer security education. If successful, this workshop will become an annual event.

Input on a broad range of topics associated with computer security education is sought. Employers are invited to present the educational backgrounds they would like to see for computer security specialists. Educators may outline pedagogical objectives for entry-level and more advanced students, including individual classes and curricula as examples. Educational activities that would enhance students' ability to contribute to government and corporate programs are of interest as are presentations of novel approaches to computer security education.

### **SUBMISSIONS AND REGISTRATION**

Educators, employers, and researchers are invited to submit 2-3 page position statements describing their interest and activities in Education in Computer Security. Submissions should be sent to:

Prof. Cynthia E. Irvine  
Computer Science Department, Code CS/Ic  
Naval Postgraduate School  
Monterey, CA 93943  
USA Voice: +1 408 656 2461  
Fax: +1 408 656 2814  
[irvine@cs.nps.navy.mil](mailto:irvine@cs.nps.navy.mil)

Hard copy, e-mail, or fax submissions are acceptable. E-mail submissions should be in plain ASCII or postscript format. In all cases, please include complete contact information for all authors. In case of co-authored submissions, please make clear the number of authors planning to attend.

Those wishing to attend the workshop without a submission, should notify us at the above address.

Approximately 12 to 15 submissions will be selected for presentation at the workshop. Ample time will be reserved for discussion. The total number of participants will be limited to about 40. A proceedings of the workshop is anticipated.

### **SCHEDULE**

December 16, 1996: Abstracts due

January 3, 1997: Invitations will be mailed to a maximum of 40 participants

### **COST AND LOGISTICS**

There will be a modest registration fee for all participants to cover incidental costs. Information on local accommodations will be available.

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*Direct questions to [irvine@cs.nps.navy.mil](mailto:irvine@cs.nps.navy.mil)*