



CALLS FOR IEEE CS PUBLICATIONS

Some security practitioners believe that the only way to know how to protect a system against attack is to know how attacks really work. Such practitioners advocate teaching about attacks when building security expertise, carrying out attacks as part of testing, and thinking and writing creatively about attacks. Others feel that discussing, publishing, and teaching attacks is irresponsible.

The July/August special issue of *IEEE Security and Privacy* is devoted to the idea of attacking systems in order to better understand how to defend against them. Suitable topics include exploiting software; using worms, viruses, and malicious code as attack vectors; attacking modern extensible systems such as Java and .NET; and ethical hacking, red-teaming, and penetration testing.

Submissions are due 4 April. The complete call is available at www.computer.org/security/cfp.htm.

Conventional wisdom holds that security and usability are two antagonistic goals in system design. A classic example is passwords: systems without passwords are thought to be usable, but not very secure, while systems with long passwords that must be frequently changed are thought to be secure, but not very usable.

An alternative view holds that the expanded use of computers by the general public has turned the traditional tradeoff of security-for-usability on its head: Unless designers create systems that are both secure and usable, they will build systems that are neither.

Systems that are secure but not usable may fail to gain market acceptance, while systems that are usable but not secure may be hacked and rendered useless.

The September/October issue of *IEEE Security and Privacy* will be devoted to security and usability. Suitable topics include techniques for increasing security and usability, metrics for quantifying user interfaces, user studies involving security and security-related topics, and visualization tools for security and privacy.

Submissions are due 3 May. The complete call is available at www.computer.org/security/cfp.htm.

OTHER CALLS

UML 2004, 7th Int'l Conf. on Unified Modeling Language, 11-15 Oct., Lisbon, Portugal. Abstracts due 21 Mar. www.umlconference.org/

SRDS 2004, 23rd Symp. on Reliable Distributed Systems, 18-20 Oct., Florianópolis, Brazil. Submissions due 2 Apr. www.srds2004.ufsc.br/

ISSRE 2004, 15th Int'l Symp. on Software Reliability Eng., 2-5 Nov., Saint-Malo, France. Abstracts due 2 Apr., submissions due 18 Apr. www.issre.org/2004/

ATS 2004, 13th Asian Test Symp., 15-17 Nov., Kenting, Taiwan. Papers due 15 Apr. <http://ats04.ee.nthu.edu.tw/~ats04/>

LCN 2004, 29th IEEE Conf. on Local Computer Networks, 16-18 Nov.,

Tampa, Fla. Papers due 21 May. www.ieeeln.org/

CALENDAR

MARCH 2004

1-3 Mar: CSEE&T 2004, 17th Conf. on Software Eng. Education & Training, Norfolk, Va. www.cs.virginia.edu/~cseet04/

3-5 Mar: PRDC 2004, 10th Pacific Rim Int'l Symp. on Dependable Computing, Papeete, Tahiti. www.laas.fr/PRDC10/

8-10 Mar: LATW 2004, 5th IEEE Latin American Test Workshop, Cartagena, Colombia. www.latw.net/

10-12 Mar: ISPASS 2004, IEEE Int'l Symp. on Performance Analysis of Systems & Software, Austin, Texas. www.ispass.org/ispass2004/

14-17 Mar: PerCom 2004, IEEE Int'l Conf. on Pervasive Computing & Comm., Kissimmee, Fla. www.percom.org/

20-24 Mar: CGO 2004, Int'l Symp. on Code Generation & Optimization, San Jose, Calif. www.cgo.org/

23-25 Mar: WMTE 2004, 2nd IEEE Int'l Workshop on Wireless & Mobile Technologies in Education, Taoyuan, Taiwan. <http://lutf.ieee.org/wmte2003/>

23-26 Mar: ICDCS 2004, 24th Int'l Conf. on Distributed Computing Systems, Tokyo. www.cis.ohio-state.edu/icdcs04/

25-26 Mar: HASE 2004, IEEE 8th Int'l Symp. on High-Assurance Systems Eng., Tampa, Fla. <http://hasrc.csee.wvu.edu/hase04/>

27-31 Mar: VR 2004, IEEE Virtual Reality 2004 Conf. (with Haptics 2004), Chicago. www.VR2004.org/

Submission Instructions

The Call and Calendar section lists conferences, symposia, and workshops that the IEEE Computer Society sponsors or cooperates in presenting. Complete instructions for submitting conference or call listings are available at www.computer.org/conferences/submission.htm.

A more complete listing of upcoming computer-related conferences is available at www.computer.org/conferences/.

28-29 Mar: RIDE WS-ECEG 2004, 14th Int'l Workshop on Research Issues on Data Eng. (with ICDE 2004), Boston. www.nvc.cs.vt.edu/ride04/

28-30 Mar: SSIAI 2004, IEEE Southwest Symp. on Image Analysis & Interpretation, Lake Tahoe, Nev. www.ee.ttu.edu/Conferences/SSIAI2004/

28-31 Mar: EEE 2004, IEEE Int'l Conf. on e-Technology, e-Commerce, & e-Service, Taipei, Taiwan. <http://bikmrhc.lm.fju.edu.tw/eee04/>

29-31 Mar: AINA 2004, 18th Int'l Conf. on Advanced Information Networking & Applications, Fukuoka, Japan. www.takilab.k.dendai.ac.jp/conf/aina/2004/

30 Mar.-2 Apr: ICDE 2004, 20th Int'l Conf. on Data Eng., Boston. www.cse.uconn.edu/icde04/

APRIL 2004

4-7 Apr: ITSW 2004, 11th IEEE Int'l Test Synthesis Workshop, Santa Barbara, Calif. www.tttc-itsw.org/

5-7 Apr: ITCC 2004, 5th Int'l Conf. on IT, Las Vegas. www.itcc.info/

8-9 Apr: IWIA 2004, 2nd IEEE Int'l Information Assurance Workshop, Charlotte, N.C. www.iwia.org/2004/

14-16 Apr: COOL CHIPS VII, Int'l Symp. on Low-Power & High-Speed Chips, Yokohama, Japan. www.coolchips.org/

14-16 Apr: ICECCS 2004, 9th IEEE Int'l Conf. on Eng. Complex Computer Systems, Florence, Italy. www.dsi.unifi.it/iceccs04/

18-21 Apr: DDECS 2004, 7th IEEE Workshop on Design & Diagnostics of Electronics Circuits & Systems Workshop, Tatranská Lomnica, Slovakia. www.ui.savba.sk/DDECS2004/

19-22 Apr: CCGRID 2004, 4th IEEE/ACM Int'l Symp. on Cluster Computing & the Grid, Chicago. www-fp.mcs.anl.gov/ccgrid2004/

19-23 Apr: ASYNC 2004, 10th Int'l Symp. on Asynchronous Circuits & Systems, Hersonissos, Crete. www.async04.gr/

25-27 Apr: EDP 2004, 10th IEEE/DATC Electronics Design Processes Workshop, Monterey, Calif. www.eda.org/edps/edp04/

25-29 Apr: VTS 2004, 22nd VLSI Test Symp., Napa, Calif. www.tttc-vts.org/

26-30 Apr: IPDPS 2004, 18th Int'l Parallel & Distributed Processing Symp., Santa Fe, N.M. www.ipdps.org

MAY 2004

9-12 May: IEEE Symposium on Security and Privacy, Oakland, Calif. www.ieee-security.org/TC/SP-Index.html

10-13 May: ISEE 2004, Int'l Symp. on Electronics & the Environment, Scottsdale, Ariz. www.iseesummit.org

13-14 May: NATW 2004, IEEE 13th North Atlantic Test Workshop, Essex Junction, Vt. www.ee.duke.edu/NATW/

16-19 May: PADS 2004, 18th Workshop on Parallel & Distributed Simulation, Kufstein, Austria. www.pads-workshop.org/pads2004

Call for Articles for *Computer*

Computer seeks articles for a special issue on Internet data centers, to appear in November 2004. Guest editors are Krishna Kant from Intel and Prasant Mohapatra from the University of California, Davis.

Internet data centers form the backbone of most Internet-based services, including e-commerce, IP-based telecom services, hosting services, and the like. As the reach of the Internet widens and more business-critical services are offered, the demands on IDCs grow along multiple dimensions, including responsiveness, service differentiation, security, and availability. Many other forces are likely to affect how the data centers of the future are designed, provisioned, and operated.

Computer's special issue will focus on research issues in identifying and implementing new strategies for optimizing IDCs: application services, protocol enhancements, performance evaluations, provisions for adequate security, protection and isolation, and ensuring an adequate quality of service. *Computer* invites high-quality papers from academia and industry that highlight various problems and solutions and provide a vision for future work in this area.

Topics of particular interest include system architecture and converged data centers; symmetric multiprocessors versus clustered systems; scalability, reliability, and fault tolerance; performance evaluation and workload characterization; operations, control, and autonomic management; power management issues; exploitation of new hardware/software technologies; and issues of security, protection, and isolation.

The deadline for papers is **1 April**. Submission guidelines are available at www.computer.org/computer/author.htm. Submit manuscripts at <http://cs-ieee.manuscriptcentral.com/>.

Send inquiries to the guest editors at krishna.kant@intel.com and prasant@cs.ucdavis.edu.

Call and Calendar

17-18 May: ICAC 2004, Int'l Conf. on Autonomic Computing (with WWW 2004), New York. www.autonomic-conference.org/

19-21 May: VisSym 2004, Joint Eurographics/IEEE TCVG Symp. on Visualization, Konstanz, Germany. www.inf.uni-konstanz.de/cgip/vissym04/index.shtml

19-22 May: ISMVL 2004, 34th Int'l Symp. on Multiple-Valued Logic, Toronto. www.eecg.utoronto.ca/~ismvl2004/

23-28 May: ICSE 2004, 26th Int'l Conf. on Software Eng., Edinburgh, UK. <http://conferences.iee.org/icse2004/>

24-27 May: ECBS 2004, 11th IEEE Int'l Conf. & Workshop on the Eng. of Computer-Based Systems, Brno, Czech Republic. www.fit.vutbr.cz/events/ECBS2004/

26-27 May: SDD 2004, IEEE Int'l Workshop on Silicon Debug & Diagnosis, Ajaccio, France. Contact Mike Ricchetti, miker@intellitech.com.

JUNE 2004

2-4 June: PBG 2004, Symp. on Point-Based Graphics, Zurich, Switzerland. www.graphics.ethz.ch/PBG/

2-4 June: IWLS 2004, 13th Int'l Workshop on Logic & Synthesis, Temecula, Calif. www.iwls.org/

6-9 June: SWTW 2004, Southwest Test Workshop, San Diego, Calif. www.swtest.org/

7 June: CLADE 2004, Workshop on Challenges of Large Applications in Distributed Environments, Honolulu. www.caip.rutgers.edu/clade2004/

7-9 June: POLICY 2004, IEEE 5th Int'l Workshop on Policies for Distributed Systems & Networks, Yorktown Heights, N.Y. www.research.ibm.com/policy2004/index.html

12-15 June: WICSA 2004, 4th IEEE/IFIP Working Conf. on Software Architecture, Oslo, Norway. <http://wicisa4.cs.rug.nl/>

21-24 June: CCC 2004, 19th Ann. IEEE Conf. on Computational Com-

plexity, Amherst, Mass. <http://facweb.cs.depaul.edu/jrogers/complexity/>

23-25 June: MEMOCODE 2004, 2nd ACM/IEEE Conf. on Formal Methods & Programming Models for Codesign, San Diego, Calif. www.irisa.fr/MEMOCODE

23-26 June: IMSTW 2004, 10th IEEE Int'l Mixed-Signal Test Workshop, Portland, Ore. www.ece.pdx.edu/imstw04/

24-25 June: CBMS 2004, 17th IEEE Symp. on Computer-Based Medical Systems, Bethesda, Md. www.cvia.ttu.edu/Conferences/cbms2004/cbms2004.html

24-26 June: IWPC 2004, 12th Int'l Workshop on Program Comprehension, Bari, Italy. <http://iwpc2004.di.uniba.it/>

27-30 June: ICME 2004, Int'l Conf. on Multimedia & Expo, Taipei, Taiwan. www.icme2004.org/

27 June-2 July: CVPR 2004, IEEE Computer Soc. Conf. on Computer Vision & Pattern Recognition, Washington, D.C. <http://cvl.umiacs.umd.edu/conferences/cvpr2004/>

28 June-1 July: DSN 2004, Int'l Conf. on Dependable Systems & Networks, Florence, Italy. www.dsn.org/

JULY 2004

6-9 July: ICWS 2004, IEEE Int'l Conf. on Web Services, San Diego, Calif. <http://conferences.computer.org/icws/>

6-9 July: CEC 2004, IEEE Conf. on E-Commerce, San Diego, Calif. <http://tab.computer.org/tfec/cec04/>

7-9 July: ICPADS 2004, 10th Int'l Conf. on Parallel & Distributed Systems, Newport Beach, Calif. www.cacs.louisiana.edu/icpads2004/

ISWC 2004 to Feature Student Wearable Computing Design Contest

ISWC 2004, the eighth annual IEEE International Symposium on Wearable Computers, will feature a student wearable computing design contest. Teams will select a problem from a predetermined list, then design and present a solution or prototype in a poster session at the symposium in November.

A committee of researchers and industry experts from the wearable computing community has solicited real-world problems from business, government, and industry. The contest goal is to increase industry involvement in the development and application of wearable computers. Winning teams will receive a trophy and a certificate for individual members. Other prizes may be added as the contest date approaches.

ISWC 2004 brings together researchers, product vendors, fashion designers, textile manufacturers, and others interested in wearable computing. Visit the ISWC 2004 Web site at www.cc.gatech.edu/ccg/iswc04/ for more information on the symposium and the student design contest. ISWC 2004 takes place from 31 October through 3 November in Washington, D.C.