

Table of Contents

June 2006

Hacking and Innovation

- 32 **Hacking and Innovation** *Gregory Conti, Guest Editor*
- 37 **Academic Freedom and the Hacker Ethic** *Tom Cross*
- 41 **Security Through Legality** *Stephen Bono, Aviel Rubin, Adam Stubblefield, and Matthew Green*
- 44 **Research Lessons from Hardware Hacking** *Joe Grand*
- 50 **Wireless Hotspots: Petri Dish of Wireless Security** *Bruce Potter*
- 57 **Software Security Is Software Reliability** *Felix "FX" Lindner*
- 62 **Explorations in Namespace: White-Hat Hacking Across the Domain Name System** *Dan Kaminsky*



84

Articles

- 70 **Global Software Piracy: Can Economic Factors Alone Explain the Trend?** *Kallol Bagchi, Peeter Kirs, and Robert Cerveny*
- 77 **Reciprocity: The Golden Rule of IS-User Service Relationship Quality and Cooperation** *Christopher L. Carr*
- 84 **Piracy, Computer Crime, and IS Misuse at the University** *Timothy Paul Cronan, C. Bryan Foltz, and Thomas W. Jones*
- 91 **A Systematic Approach in Managing Post-Deployment System Changes** *David Kang and Roger Chiang*
- 97 **The Application of Model Checking for Securing E-Commerce Transactions** *Bonnie Brinton Anderson, James V. Hansen, Paul Benjamin Lowry, and Scott L. Summers*
- 102 **Enterprise Integration Across the Globally Disbursed Service Organization** *Barry Shore*

27



Columns

- 15 **President's Letter** Farewell Address: The Growing and Graying of ACM *David A. Patterson*
- 19 **The Business of Software** The Learning Edge *Phillip G. Armour*
- 23 **ACM Plagiarism Policy** Plagiarism on the Rise *Ronald F. Boisvert and Mary Jane Irwin, Co-Chairs, ACM Publications Board*
- 27 **Legally Speaking** Copyrighting Standards *Pamela Samuelson*
- 107 **Technical Opinion** A Simple Approach to Improving Email Communication *Thomas W. Jackson, Anthony Burgess, and Janet Edwards*
- 120 **Inside Risks** EHRs: Electronic Health Records or Exceptional Hidden Risks? *Robert Charette*

Departments

- 9 **News Track**
- 11 **Forum**
- 25 **Hot Links**

- 111 **Career Opportunities**
- 116 **Calendar of Events**



9

COVER ILLUSTRATION: Jean-François Podevin. The binary rainfall network-traffic visualization in these images was created using the RUMINT security visualization tool (www.rumint.org) and a HoneyNet Project Scan of the Month dataset (www.honeynet.org/scans/) (Gregory Conti, U.S. Military Academy, West Point, NY).