DIMVA 2008

SIDAR

Fifth GI International Conference on Detection of Intrusions & Malware, and Vulnerability Assessment

Organized by the GI Special Interest Group SIDAR

http://dimva.org/dimva2008/

July 10–11th, 2008
Paris, France

Call for Papers

The annual DIMVA conference serves as a premier forum for advancing the state of the art in intrusion detection, malware detection, and vulnerability assessment. Each year DIMVA brings together international experts from academia, industry and government to present and discuss novel research in these areas. DIMVA is organized by the special interest group Security – Intrusion Detection and Response of the German Informatics Society (GI). The conference proceedings will appear in Springer's Lecture Notes in Computer Science (LNCS) series.

DIMVA solicits submission of high-quality, original scientific work. This year we invite two types of paper submissions:
- Full papers, presenting novel and mature research results. Full papers are limited to 20 pages, prepared according to the instructions provided below. They will be reviewed by the program committee, and papers accepted for presentation at the conference will be included in the proceedings.
- Short papers (extended abstracts), presenting original, still ongoing work that has not yet reached the maturity required for full paper. Short papers are limited to 10 pages, prepared according to the instructions provided below. They will also be reviewed by the program committee, and papers accepted for presentation at the conference will be included in the proceedings (containing Extended Abstract in the title).

DIMVA's scope includes, but is not restricted to the following areas:
- Intrusion Detection
  - Approaches
  - Implementations
  - Prevention and response
  - Result correlation
  - Evaluation
  - Potentials and limitations
  - Operational experiences
  - Evasion and other attacks
  - Legal and social aspects
- Malware
  - Techniques
  - Detection
  - Prevention and containment
  - Evaluation
  - Trends and upcoming risks
  - Forensics and recovery
- Vulnerability Assessment
  - Vulnerabilities
  - Vulnerability detection
  - Vulnerability prevention
  - Classification and evaluation

DIMVA particularly encourages papers that discuss the integration of intrusion, malware, and vulnerability detection in large-scale operational communication networks.

Organizing Committee

General Chair: Hervé Debar, France Telecom R&D, France (info@dimva.org)
Program Chair: Diego Zamboni, IBM Zurich Research Lab, Switzerland (pc-chair@dimva.org)
Sponsor Chair: Ludovic Mé, Supélec (sponsor-chair@dimva.org)
Publicity Chair: Tadeusz Pietraszek, Google, Switzerland (publicity-chair@dimva.org)
Rump session chair: Sven Dietrich, Stevens Institute of Technology, U.S.A. (rump@dimva.org)

Program Committee

- Kostas Anagnostakis (Institute for Infocomm Research, Singapore)
- Thomas Biege (SuSE, Germany)
- David Brumley (Carnegie Mellon University, U.S.A.)
- Roland Büschkes (RWE AG, Germany)
- Weidong Cui (Microsoft Research)
- Marc Dacier (Institut Eurecom, France)
- Sven Dietrich (Stevens Institute of Technology, U.S.A.)
- Holger Dreger (Siemens CERT, Germany)
- Ulrich Flegel (University of Dortmund, Germany)
- Marc Heuse (Baseline Security Consulting, Germany)
- Thorsten Holz (University of Mannheim, Germany)
- Ming-Yuh Huang (Boeing, U.S.A.)
- Bernhard Hämmerli (HTA Lucerne, Switzerland)
- Martin Johns (University of Hamburg, Germany)
- Erland Jonsson (Chalmers University, Sweden)
- Klaus Julisch (IBM Zurich Research Laboratory, Switzerland)
- Christian Kreibich (International Computer Science Institute, U.S.A.)
- Christopher Kruegel (Technical University of Vienna, Austria)
- Pavel Laskov (Fraunhofer FIRST and University of Tuebingen, Germany)
- Wenke Lee (Georgia Institute of Technology, U.S.A.)
- John McHugh (Dalhousie University, Canada)
- Michael Meier (University of Dortmund, Germany)
- John Mitchell (Stanford University, U.S.A.)
- George Mohay (Queensland University of Technology, Australia)
- Benjamin Morin (Supelec, France)
- Ludovic Mé (SUPELEC, France)
- Tadeusz Pietraszek (Google, Switzerland)
- Phil Porras (SRI International, U.S.A.)
- Stelios Sidiroglou (Columbia University, U.S.A.)
- Robin Sommer (ICSI/LBNL, U.S.A.)
- Morton Schwimmer (City University of New York, U.S.A.)
- Peter Szor (Symantec, U.S.A.)
- Giovanni Vigna (University of California in Santa Barbara)

Paper Submission

All papers must be submitted electronically in PDF format via the conference Web site. Submissions must be formatted according to the instruction provided by Springer Verlag (http://www.springer.de/comp/lncs/authors.html).

Submitted papers must be in English and must not substantially overlap work that has been published before, or that is simultaneously in submission to a journal or a conference with proceedings. Simultaneous submission, submission of previously published work, and plagiarism constitute dishonesty or fraud. DIMVA prohibits these practices and may take appropriate action against authors who have committed them.

For accepted papers, it is required that at least one of the authors attends the conference to present the paper. Presentations must also be held in English.

Details about the electronic submission procedure will be provided on the conference Web site by the end of November 2007. Authors of accepted papers must follow the Springer guidelines for the preparation of camera-ready copies. Details of the process will be provided to the authors in time.

Rump session

As in previous years, DIMVA 2008 will hold a Rump Session: a series of short and entertaining talks where attendees can present recent research results, work in progress, or other topics of interest to the community. Please contact Sven Dietrich, the Rump Session Chair, at rump@dimva.org for submission questions.

Important Dates

Deadline for paper submission (firm deadline): February 10th, 2008
Notification of acceptance or rejection: April 8th, 2008
Final paper camera ready copy: April 25th, 2008
Conference dates: July 10–11th, 2008

Sponsorship Opportunities

We solicit interested organizations to serve as sponsors for DIMVA 2008; please contact the sponsorship chair for information regarding corporate sponsorship.

Steering Committee

Chairs:
- Ulrich Flegel, University of Dortmund
- Michael Meier, University of Dortmund

Members:
- Roland Büschkes, RWE
- Bernhard Hämmerli, Acris GmbH, HSLU and ISSS
- Marc Heuse, Baseline Security Consulting
- Klaus Julisch, IBM Research
- Christopher Kruegel, TU Vienna
- Pavel Laskov, Fraunhofer FIRST and University of Tuebingen
- Robin Sommer, ICSI/LBNL