



POLITECNICO DI MILANO



DIPARTIMENTO DI
ELETTRONICA,
INFORMAZIONE
E BIOINGEGNERIA



Call for Papers: DIMVA 2015

<http://www.dimva2015.it> - @dimva2015

12th International Conference on Detection of Intrusions and Malware & Vulnerability Assessment

DIMVA 2015 will be hosted by Politecnico di Milano and organized by the System Security Group of the NECSTLab at the Dipartimento di Elettronica, Informazione e Bioingegneria (DEIB), in collaboration with Tech and Law Center. During DIMVA 2015, Milan will be hosting the World EXPO.

Important Dates

- **Paper submission:** February 8, 2015
- **Acceptance notification:** March 27, 2015
- **Final paper camera-ready copies due:** April 26, 2015
- **Conference:** July 9-10, 2015

About DIMVA

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" (SIDAR) of the German Informatics Society (GI). The conference proceedings will appear as a volume in the Springer Lecture Notes in Computer Science (LNCS) series (approval pending).

Topics of Interest

DIMVA solicits submission of high-quality, original scientific papers presenting novel research on malware analysis, intrusion detection, and related systems security topics. Submissions of two types are invited:

- **Full papers**, presenting novel and mature research results. Full papers are limited to 20 pages.
- **Short papers**, presenting original, still ongoing work that has not yet reached the maturity required for a full paper. Short papers are limited to 10 pages and will be included in the proceedings containing "Extended Abstract" in the title.

As per our tradition, DIMVA encourages submissions from the following broad areas:

- **Intrusion Detection**
 - Novel approaches and domains
 - Insider detection
 - Prevention and response
 - Data leakage and exfiltration
 - Result correlation and cooperation
 - Evasion and other attacks
 - Potentials and limitations
 - Operational experiences
 - Privacy, legal and social aspects
- **Malware Detection**

- Automated analyses
- Behavioral models
- Prevention and containment
- Infiltration
- Acquisition and monitoring
- Forensics and recovery
- Underground economy

- **Vulnerability Assessment**

- Vulnerability detection
- Vulnerability prevention
- Fuzzing techniques
- Classification and evaluation
- Situational awareness

Special theme

This year, due to the increased threats against *critical infrastructures* and *industrial control systems*, we encourage submissions in these areas. Specifically, we welcome strong technical contributions that consider the cross-area obstacles (e.g., privacy, societal and legal aspects) that arise when deploying protection measures in the real world.

Organizing Committee

- **General Chair:** Federico Maggi, Politecnico di Milano, Italy (info {at} dimva.org)
- **Program Chair:** Magnus Almgren, Chalmers University of Technology, Gothenburg, Sweden (pc-chair {at} dimva.org)
- **Publication Chair:** Vincenzo Gulisano, Chalmers University of Technology, Gothenburg, Sweden (publication-chair {at} dimva.org)

Program Committee

- Gianluca Stringhini, University College London
- Hervé Debar, Télécom SudParis
- Nick Nikiforakis, Stony Brook University
- Cristiano Giuffrida, Vrije Universiteit Amsterdam
- Marco Balduzzi, Trend Micro Research
- Lorenzo Cavallaro, Royal Holloway, University of London
- Mauro Conti, University of Padua
- Konrad Rieck, University of Göttingen
- Andreas Schaad, SAP AG
- Ulrich Flegel, Infineon Technologies AG
- Simin Nadjm-Tehrani, Linköping university
- Corrado Leita, Lastline Inc.
- Michael Meier, University of Bonn and Fraunhofer FKIE
- Christian Rossow, Saarland University
- Davide Balzarotti, Eurecom
- James Riordan, MIT Lincoln Laboratory
- Sven Dietrich, City University of New York - John Jay College of Criminal Justice
- Hanno Langweg, HTWG Konstanz
- Federico Maggi, Politecnico di Milano
- Andrea Lanzi, Università degli studi di Milano
- Leyla Bilge, Symantec Research Labs
- Dina Hadziosmanovic, Delft University of Technology
- Mashael Al-Sabah, Qatar Computing Research Institute(QCRI) and Qatar University(QU)
- Vincenzo Gulisano, Chalmers University of Technology
- Sotiris Ioannidis, FORTH
- Matthias Neugschwandner, IBM Research
- Urko Zurutuza, Mondragon University
- Manuel Egele, University of California, Santa Barbara
- Thorsten Holz, Ruhr-Universität Bochum
- Felix Freiling, Friedrich-Alexander Universität, Erlangen
- Jason Polakis, Columbia University, USA
- Aziz Mohaisen, Verisign Labs

Sponsorship Opportunities

We solicit interested organizations to serve as sponsors for DIMVA 2015. Please contact federico maggi (at) polimi (dot) it for details regarding sponsorship.

Steering Committee

Chairs

- Ulrich Flegel, Infineon Technologies, Germany
- Michael Meier, University of Bonn, Germany

Members

- Herbert Bos, Vrije Universiteit Amsterdam, Netherlands
- Danilo M. Bruschi, Universita degli Studi di Milano, Italy
- Roland Bueschkes, RWE AG, Germany
- Lorenzo Cavallaro, Royal Holloway, University of London, UK
- Herve Debar, Telecom SudParis, France
- Sven Dietrich, City University of New York, USA
- Bernhard Haemmerli, Acris GmbH & HSLU Lucerne, Switzerland
- Marc Heuse, Baseline Security Consulting, Germany
- Thorsten Holz, Ruhr-Universitaet Bochum, Germany
- Marko Jahnke, Federal Office for Information Security, Germany
- Klaus Julisch, Deloitte, Switzerland
- Christian Kreibich, ICSI, USA
- Christopher Kruegel, UC Santa Barbara, USA
- Pavel Laskov, University of Tuebingen, Germany
- Konrad Rieck, University of Goettingen, Germany
- Robin Sommer, ICSI/LBNL, USA
- Diego Zamboni, CFEEngine AS, Norway

Sponsors

