Call for Papers: DIMVA 2015

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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.

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