

# Alexandros Kapravelos

PhD Student

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## Education

- 2010-now **Ph.D. Student in Computer Security Lab,**  
*Computer Science Department, University of California, Santa Barbara, USA.*
- supervisors Professor Christopher Kruegel, Professor Giovanni Vigna
- 2010 **M.Sc. Candidate in Distributed Computing Systems,**  
*Computer Science Department, University of Crete, Greece.*  
GPA: 8.7 out of 10.0
- thesis *Robust Prevention of Dial Attacks*
- supervisor Professor Evangelos Markatos
- description An extensive evaluation of the security properties that arise from making accessible telephone devices from the Internet through the use of VoIP. The term Dial stands for *Digitally Initiated Abuse of teLephones*
- 2007 **B.Sc. in Computer Science,**  
*Computer Science Department, University of Crete, Greece.*  
GPA: 7.43 out of 10.0
- thesis *Packetloss: A Passive end-to-end Packet Loss estimation*
- supervisor Professor Evangelos Markatos
- description A novel idea for estimating accurately the packet loss ratio between different measuring points.

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## Scientific Interests

- Web security
- Network and software security
- Intrusion detection

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## Academic Experience

- Fall 2007, Fall 2008 Teaching Assistant, CS345 - Operating Systems, University of Crete
- Spring 2008 Teaching Assistant, CS118 - Discrete Mathematics, University of Crete
- Spring 2009 Teaching Assistant, CS459 - Internet Measurements, University of Crete

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## Work Experience

- 2005 – 2010 I worked as a Research Assistant at Distributed Computing Systems Lab of FORTH-ICS in Heraklion. I participated in two EU-funded programs: LOBSTER (Large-scale Monitoring of Broadband Internet Infrastructures) and MOMENT (Monitoring and Measurement in the Next Generation Technologies).
- Sep - Nov 2009 I visited Prof. Christopher Kruegel and Giovanni Vigna for 3 months at the University of California, Santa Barbara and worked in the Computer Security Lab as Junior Research Assistant.

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## Publications

A. Kapravelos, M. Cova, C. Kruegel, and G. Vigna. Escape from Monkey Island: Evading High-Interaction Honeyclients. In *Eighth Conference on Detection of Intrusions and Malware & Vulnerability Assessment, DIMVA*, 2011.

A. Kapravelos, I. Polakis, E. Athanasopoulos, S. Ioannidis, and E.P. Markatos. D(e|i)aling with VoIP: Robust Prevention of Dial Attacks. In *Proceedings of the ESORICS Conference*, 2010.

A. Friedl, S. Ubik, A. Kapravelos, M. Polychronakis, and E.P. Markatos. Realistic Passive Packet Loss Measurement for High-Speed Networks. In *1st International Workshop on Traffic Monitoring and Analysis, TMA*, 2009.

Nikos Armenatzoglou, Yannis Marketakis, Lito Kriara, Elias Apostolopoulos, Vicky Papavasiliou, Dimitris Kampas, Alexandros Kapravelos, Eythimis Kartsonakis, Giorgos Linardakis, Sofia Nikitaki, Antonis Bikakis, and Grigoris Antoniou. Flexconf: A flexible conference assistant using context-aware notification services. In *OTM Workshops*, pages 108–117, 2009.

A. Papadogiannakis, A. Kapravelos, M. Polychronakis, E.P. Markatos, and A. Ciuffoletti. Passive end-to-end packet loss estimation for grid traffic monitoring. In *Proceedings of the CoreGRID Integration Workshop*, 2006.

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## Updated

April, 2011