

**MOBILE  
SECURITY**

**OPEN**

# 2<sup>nd</sup> CYPRUS HACK DAY



**28  
November  
2012  
15:00  
at the  
European  
University  
Cyprus**

Admission  
Free for CCS  
members  
€10 for non CCS  
members

Registration  
required **HERE**  
by November 25th.

ORGANISED BY:



**CYPRUS  
COMPUTER  
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*cutting through complexity*



**Symantec**



**European  
University Cyprus**

LAUREATE INTERNATIONAL UNIVERSITIES

# Open Hack Day Event

The CCS has been instrumental in promoting IT security by hosting and sponsoring conferences and symposiums in Cyprus for over a decade, serving the local industry, government, academia and public at large. In this respect, in 2011, the CCS inaugurated the **Open Hack Day Event** with the main objective of raising awareness towards increased education and ethics in IT Security and at the same time encourage discussion and active participation.

# Mobile Security

The focus area of this year's Hack Day event will be on Mobile Security. Featuring 4 cutting edge presentations, with demonstrations, this hack day event will aim at raising awareness on hot topics such as **BYOD - Bring Your Own Device** company policies and the associated risks, myths and challenges. Focus will be given to the ability of today's MDM - Mobile Device Management technologies to sustain the security of the mobile devices and protect the company data from prying eyes.

# Hack Day Audience

- Mobile and Information Security Specialists and Vendors.
- ICT Professionals.
- ICT Managers.
- Telecommunications and Networks Services Vendors.
- Mobile application developers.
- Freelance Consultants.
- Business Professionals.
- University students in Computer Science/Electrical Engineering Departments.
- Young computer enthusiasts.

# Programme

15:00-15:15 Welcome Address

15:15-16:15 *Benjy Portnoy, Symantec*

**BYOD and Beyond – Protecting against emerging mobile threats with Symantec**

16:15-17:15 *Ceelen Pieter, KPMG*

**Mythbusting BYOD**

17:15-17:30 Break

17:30-18:30 *Andreas Lalos, Besecure*

**Security Threats and Countermeasures of BYOD initiative**

18:30-19:30 *Jorge Sebastiao, First Information Security*

**Mobile changes everything, no one is safe!**



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€10 for non CCS Members

Registration is required  
through CCS Website

PLS REGISTER **HERE**

# Presentations

**1. Benjy Portnoy, Symantec**  
**BYOD and Beyond – Protecting against emerging mobile threats with Symantec**

Benjy Portnoy from Symantec will give a presentation and live demonstration on “Mobile Security” and “Bring Your Own Device” (BYOD) issues:

- Mobile Threats
- BYOD Challenges
- Mobile Application Management
- Mobile Information Management

**2. Ceelen Pieter, KPMG**

**Mythbusting BYOD security**

In this presentation Pieter will explain the specific security aspects of Apple’s iOS based devices (e.g. iPhone) and of Android based devices, for business applications such as e-mail and calendar (BYOD). Various security myths and marketing claims will be investigated in more detail, sometimes resulting in surprising new insights.

The subjects discussed in these “myths” cover a variety of subjects ranging from iTunes and malware, to encryption and security updates. In the presentation specific attack scenarios and their associated business risks will be explained. In addition, common security architectures for mobile device management will be presented, including the advantages and disadvantages of each solution.

A presentation that provides insights into security aspects of Bring Your Own Device and its business impact through hands-on examples, practical attack scenarios and explanation of technical weaknesses.



**3. Andreas Lalos, Besecure**  
**Security Threats and Countermeasures of BYOD initiative**

As organizations continue to adopt BYOD initiatives, which allow employees to use personal mobile devices to connect to the company network, these businesses are potentially opening themselves up to security breaches. Based on a recent study (ABI Research) mobile malware continues to rise at a staggering rate, with unique variants growing by a huge 2180% reaching a total of 17,439 strains between Q1 2011 and Q2 2012.

In this presentation, Andreas Lalos will discuss the security issues of using mobile devices to store corporate information and strategies to protect against mobile phishing attacks, malware, malicious apps, and more. During the presentation, common weaknesses of mobile web browsing through public networks, will be demonstrated.

**4. Jorge Sebastiao,**  
*First Information Security*  
**Mobile changes everything, no one is safe!**

Smart mobile devices are becoming the tools of choice for:

- Connecting to the internet
- Consumption of information

These mobile devices can take several forms such as smartphones, tablets, portable wireless routers, and support different wireless technologies such as GSM, SMS, 3G, LTE, Wifi, Wimax and Bluetooth. With the increased popularity of these devices come new threats and their associated operational risks. We will be examining and reviewing some of them.





# Speakers

## **Benjy Portnoy, Symantec**

Benjy Portnoy, CISA, CISSP is a seasoned information security specialist with Symantec. Portnoy who is currently based in Israel is an industry-recognized security expert with over ten years of experience in architecting large-scale security projects in addition to mobile security penetration testing. His career spans working with both leading security vendors as well as security startup companies.

## **Jorge Sebastiao, First Information Security**

With over 22 years of IS experience and 8 years of security experience, Mr. Sebastiao brings experience, creativity, structure and innovation to the “E-Business Security”. As CEO at E-Security Gulf Group; he architects business focused security solutions with leading technologies such as wireless, anti-phishing, biometrics and smart card. In Information Security Mr. Sebastiao has been the speaker at numerous international conferences, delivers training and awareness on a regular basis. Previously at Computer Associates Middle East and Computer Associates Canada he implemented leading Enterprise Management, Security Management and Information Management solutions for mission critical business applications. Mr. Sebastiao also co-authored a consumer credit and information book titled “La Face Cachée du Credit”.

## **Ceelen Pieter, KPMG**

Pieter Ceelen is a computer hacker. He works as an IT-auditor and security advisor at KPMG Netherlands and is specialized in technical security assignments. In the last 5 year, Pieter has performed a variety of assignments ranging from technical engagements such as security testing and infrastructure reviews to IT-audits and identity & access management engagements. One of his focal areas is the security of mobile devices and the application of mobile devices in business process. He has advised various companies on the security of bring your own device (BYOD) security solutions and is also involved in engagements related to the security of mobile banking for various large Dutch banks.

## **Andreas Lalos, Besecure**

Andreas Lalos is a Security Subject matter expert in the area of Information Security. He holds the position of Professional Services Director to BESECURE, a specialized Governance Risk and Compliance solutions and services firm. Andreas has an extensive experience in informatics and Information Security with more than 14 years in IT and 10 years in the Information Security profession. His expertise covers the areas of Network Security, Security Information Event Management, Endpoint Security, Data Loss Prevention, Database Security, Cloud Security Services, Risk Management, Compliance Services, Security Architecture Design and Implementation, Managed Security Services Operation, Vulnerability Assessment and Ethical Hacking. Andreas has participated as a speaker in numerous events and has been the author of several articles for information security in various technical and business magazines. Andreas Lalos is a Certified Holistic Information Security Practitioner from the HISP Institute as well a member of the advisory board of HISPI.

