

From IT Security to Cyber Security: ISACA has everything you need

5th Infocom Security Conference

Dr Konstantinos Papapanagiotou, ISACA Athens Chapter
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About ISACA International



“As an independent, nonprofit, global association, ISACA is a leading provider of knowledge, certifications, community, advocacy and education on information systems assurance, control and security, enterprise governance of IT, and IT-related risk and compliance”

- ✓ ISACA got its start in 1967
- ✓ 100,000th CISA Certification in the Credential's 35th Year
- ✓ CRISC Certification Wins Best Professional Certification Award from SC Magazine (27/2/2013)



Certified Information
Systems Auditor®

An ISACA® Certification



Certified Information
Security Manager®

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Certified in Risk
and Information
Systems Control™

An ISACA® Certification



Certified in the
Governance of
Enterprise IT®

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About ISACA Athens Chapter



- Founded in 1994
- Currently 539 members (70% growth since June 2008)
- 10 Academic Advocates, 1 new in 2015, 4 new in 2014
- 1st in Europe and 2nd worldwide postgraduate program aligned with ISACA's Curriculum on Information Security



Distinctions:

- ✓ 2014 K. Wayne Snipes as Best Large Chapter in the World
- ✓ 2014 K. Wayne Snipes as Best Large Chapter in Europe/Africa
- ✓ 2014 Growth Award Winner
- ✓ 2014 Retention Award



Associations



*Hellenic Association
of Certified Fraud
Examiners*
www.acfe.gr



ΕΙΤΠ

Ελληνικό Ινστιτούτο
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Επικοινωνιών



ΕΛΛΗΝΟΑΜΕΡΙΚΑΝΙΚΗ ΕΝΩΣΗ
HELLENIC AMERICAN UNION
AN EDUCATIONAL AND CULTURAL PUBLIC CHARITY

itSMF[®] Hellas
The IT Service Management Forum



OWASP

The Open Web Application Security Project



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Academic Advocates & Universities Synergies



Οικονομικό
Πανεπιστήμιο
Αθηνών



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Εθνικών και Καποδιστριακών
Πανεπιστήμιον Αθηνών

HellenicAmericanUniversity
The American University in Greece



Cybercrime Evolution

1986-1995



- LANs
- First PC virus
- Motivation: damage

IT Security

1995-2003



- Internet Era
- "Big Worms"
- Motivation: damage

Information Security

2004-2010



- OS, DB attacks
- Spyware, Spam
- Motivation: Financial

Cybersecurity

2010+



- Targeted attacks
- Social engineering
- Financial + Political

Cybersecurity Skills Crisis

Too Many Threats

 **62%**
INCREASE
IN BREACHES
IN 2013¹

1 IN 5 
ORGANIZATIONS
HAVE EXPERIENCED
AN APT ATTACK⁴

**US \$3
TRILLION**
TOTAL GLOBAL
IMPACT OF
CYBERCRIME³

 **7½ MONTHS**
IS THE AVERAGE TIME
AN ADVANCED THREAT
GOES UNNOTICED ON
VICTIM'S NETWORK²

**2.5
BILLION** 
EXPOSED RECORDS AS
A RESULT OF A DATA BREACH
IN THE PAST 5 YEARS⁵

Too Few Professionals

 **62%**
OF ORGANIZATIONS
HAVE NOT INCREASED
SECURITY TRAINING
IN 2014⁶

 **1 OUT OF 3**
SECURITY PROS ARE
NOT FAMILIAR WITH
ADVANCED PERSISTENT
THREATS⁷

 **<2.4%**
GRADUATING STUDENTS
HOLD COMPUTER
SCIENCE DEGREES⁸

 **1 MILLION**
UNFILLED SECURITY
JOBS WORLDWIDE⁹

83% 
OF ENTERPRISES CURRENTLY
LACK THE RIGHT SKILLS AND
HUMAN RESOURCES TO PROTECT
THEIR IT ASSETS¹⁰

Enterprises are under siege from
a rising volume of cyberattacks.

At the same time, the global demand for skilled professionals sharply outpaces supply. Unless this gap is closed, organizations will continue to face major risk. Comprehensive educational and networking resources are required to meet the needs of everyone from entry-level practitioners to seasoned professionals.

SOURCES: 1. 2014 Internet Security Threat Report, Volume 19, Symantec, April 2014; 2. M-Trends 2014: Attack the Security Gap, Mandiant, April 2014; 3. Increased Cyber Security Can Save Global Economy Trillions, McKinsey/World Economic Forum, January 2014; 4. ISACA's 2014 APT Study, ISACA, April 2014; 5. An Executive's Guide to 2013 Data Breach Trends, Risk Based Security/Open Security Foundation, February 2014; 6. ISACA's 2014 APT Study, ISACA, April 2014; 7. ISACA's 2014 APT Study, ISACA, April 2014; 8. Code.org, February 2014; 9. 2014 Cisco Annual Security Report, Cisco, January 2014; 10. Cybersecurity Skills Haves and Have Nots, ESG, March 2014



Cybersecurity Nexus (CSX)



- A new security knowledge platform from ISACA
- Not just a certification
 - Knowledge
 - Guidance - Mentoring
 - Tools
 - Connections

Cybersecurity Fundamentals Certificate



- Knowledge-based certificate
- 5 domains:
 - Cybersecurity concepts
 - Cybersecurity Architecture principles
 - Security of Network, Systems, Applications and Data
 - Incident response
 - Security of Evolving Technology

Already available



Already available

- Transforming Cybersecurity Using COBIT 5
- Responding to Targeted Cyberattacks
- Advanced Persistent Threats: Managing the Risks to Your Business
- 2014 APT Awareness Study
- Overview of Digital Forensics
- Cybersecurity webinars
- Cybersecurity Knowledge Center community

- Preparation course during ISACA Athens Chapter annual conference (November 2015)
- CSX Fundamentals Online Course (250 € for members)

2015 Training Programs



CISA Prep Course, 6-8 April 2015

with Nikos Frangos, CISO, CISA, CGEIT, platinum member of ISACA Athens Chapter

Early registration: 13/3/2015



CISM Prep Course, 20-22 April 2015

with Nikolaos Vasileiadis, CISA, CISM, ITIL Expert, CISSP, HISP, ISEB BCMP, ISO 27001 / 9001 / 20000 Auditor

Early registration: 23/3/2015



COBIT5 Foundation Course, 4-6 June 2015

with Panagiotis Droukas, COBIT 5 Accredited Trainer, CISA, CGEIT, CRISC

Early registration: 28/5/2015



CRISC Prep Course, 8-10 October 2015

with Peter Houtmeyers, CISM, CISA, CGEIT, CRISC, CISSP, ISO 27001 Lead Auditor

Early registration: 14/9/2015



Certified Cloud Security Knowledge (CCSK) Foundation Course, 25 May 2015

with Moshe Ferber, Certified CCSK instructor

Early registration: 27/4/2015



Take advantage of early registration and save up to 30%.

Upcoming 2015 ISACA Exam Dates: 13 June 2015

Final registration: 10 April 2015

Register now at

www.isaca.org/certification

Thanks for you attention!



Dr Konstantinos Papapanagiotou
ISACA Athens Chapter
conpap@gmail.com



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