

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 Certi Systems Auditor Section

CISM

Certified Information Security Manager°

An ISACA® Certification



Certified in Risk and Information Systems Control

An ISACA® Certification



Certified in the Governance of Enterprise IT°

An ISACA® Certification



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















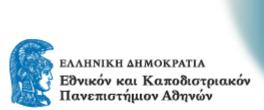


Academic Advocates & Universities Synergies



















Cybercrime Evolution



1986-1995



1995-2003

2004-2010





- **LANs**
- First PC virus
- **Motivation:** damage



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



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



- **Targeted attacks**
- Social engineering
- Financial + Political

IT Security

Information Security

Cybersecurity

Cybersecurity Skills Crisis

Too Many



1 IN 5 ORGANIZATIONS
HAVE EXPERIENCED
AN APT ATTACK

US 53
TRILLION
TOTAL GLOBAL
IMPACT OF
CYBERCRIME³



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 YEARS

Too Few Professionals



62% OF ORGANIZATION

HAVE NOT INCREASED SECURITY TRAINING IN 2014⁶



SECURITY PROS ARE
NOT FAMILIAR WITH
ADVANCED PERSISTENT
THREATS⁷



1 MILLION
UNFILLED SECURITY
JOBS WORLDWIDE®

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.







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 Architectyre principles
 - Security of Network, Systems, Applications and Data
 - Incident response
 - Security of Evolving Technology

Already available





CYBERSECURITY

WHAT THE BOARD OF DIRECTORS NEEDS TO ASK











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

CSX Training



 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!



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ISACA Athens Chapter



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