

On-Line Training Workshop on Finance Sector Security

Thursday, January 14th 2021

“Recent Advances in Security for the Finance Sector”

Cost-Effective Resilience for the Connected Digital Finance Ecosystem

Workshop’s Learning Objectives

- Understand the main security challenges faced nowadays by Financial Organizations.
- Get Acquainted with novel Cyber-Security solutions that could alleviate modern security Challenges.
- Learn about novel approaches for Risk Assessment and Mitigation.
- Understand the role of leading-edge Technologies like Artificial Intelligence and Machine Learning in the Resilience of Financial Institutions.
- Gain insights on the emerging integration of Cybersecurity and Physical Security.

Who should attend:

- Managers and Executives that supervise Security Functions in Financial organizations.
- Security Officers in the Finance Sector.
- Risk Controllers in the Finance Sector.
- Members of Security Teams for Banks and Financial Institutions (e.g., Computer Emergency Response Teams (CERTs), Computer Security Incident Response Teams (CSIRTs)).
- Representatives of Regulators and other Institutional Stakeholders in the Finance Sector.
- Vendors and Integrators of Technological Solutions for Banking and Finance.

Agenda

January 14th (9.00-12.30) CET

Session 1: Security and Regulatory Challenges in the Finance Sector	
9:00 - 9:15	Overview of Security Challenges in the Finance Sector - Workshop Overview , John Soldatos, FINSEC Project
9:15 - 9:35	“Automated Security and Risk Analysis of Strong Customer Authentication Solutions for the PSD2” , Marco Pernpruner, FBK, FINSEC Project
9:35 - 9:55	"Smart Regulation of Cybersecurity in a Multilevel Legal Framework" , Nora Schreier, SOTER Project
9:55 – 10:00	Break
Session 2: Risk Assessment and Mitigation	
10:00 - 10:20	“A Statistical Approach for Assessing Cyber Risk via Ordered Response Models” , Claudia Tarantola, University of Pavia

10:20 - 10:40	"Human Factors Based Non-Tech Risk Mitigation in Finance" , Eva-Maria Griesbacher, SOTER Project
10:40 - 11:00	"Anomaly Detection and Response in Finance Sector Infrastructures" , Omri Soceanu, FINSEC Project
11:00 - 11:10	Break
Session 3: Artificial Intelligence for Security in Finance	
11:10 - 11:30	"Cyber Risk Management with Rank-based Statistical Models and Explainable AI" , Emanuela Raffinetti, FIN-TECH Project
11:30 - 11:50	"Predictive Analytics for Cyber-Physical Threat Intelligence in Financial Sector Infrastructures" , Habtamu Abie, FINSEC Project
11:50 - 12:20	Open Discussion - Questions & Answers
12:20 - 12:30	Workshop Wrap Up