

## On-Line Training Workshop on Finance Sector Security

Thursday, January 14<sup>th</sup> 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 14<sup>th</sup> (9.00-12.30) CET**

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

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