

Financial Sector Cyber-Physical Security Solutions

Re-architecting Traditional Banking facing Rapid Evolution of Technology and Fraud

Friday 17th December 2021, 10:00- 12:50 CET (Webinar)

Session 1: Needs Must: Re-inventing Banking for Security & Integrity in the new Financial Sector	
10:00 - 10:10	Welcome & Overview of the Workshop , Silvia Denegri– RINA Consulting, Critical-Chains Consortium.
10:10 - 10:20	Thematic Perspective: Contextualising the Critical-Chain Mission to support the Financial Security Protection in the rapidly evolving threat landscape: Countering Cyber Attacks & Fraud in the New Open and Mobile Financial Services - Prof. Atta Badii, University of Reading, Critical-Chains Consortium
Session 2: Innovations to Support Security and Sustainable Success in the Financial Sector	
10:20– 11:40	<p>Demonstration of Critical-Chains Innovation supported by the Critical-Chains Integrated Framework https://research.reading.ac.uk/critical-chains/</p> <ul style="list-style-type: none"> • Critical-Chains Banking & Fintech Pilot Application Massimiliano Aschi, POSTE ITALIANE - Critical Chains Sectoral Demonstrator Partner • Critical-Chains Insurtech Pilot Application Vito Domizio (EY) • Critical-Chains Highway Toll Collection Pilot Application Juan Castro (INDRA), and Integration Partner NETAS • Critical-Chains AI-Enabled Intrusion Detection and Reaction System Matthias PERROD (CEA) • Critical-Chains User-In-Range Verification – Application in Pandemic Restrictions Compliance Audit (Case Study: Insurance Claims Settlement) Dr Alper Kanak (ERARGE), Gert-Jan van Schaik (IMEC) • Critical-Chains Scalable Blockchain Solutions in FinTech Silver Kelk (Guardtime)
11:40- 11:55	<ul style="list-style-type: none"> • CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project– (https://cybersec4europe.eu/)
11:55- 12:10	<ul style="list-style-type: none"> • Value3S Verification and Validation of Automated Systrms in the Chain Dr Salih Ergun (ERARGE), - Value3S Project (https://valu3s.eu/)
Session 3: One-Stop-Shop-Banking-as-a-Service- The New Face of Sustainable Success in Banking of the Future	
12-10 – 12:45	<p>Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts)</p> <p>Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. – Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium)</p> <p>Themes:</p> <ul style="list-style-type: none"> • Traditional & Open Banking Challenges • The Emergent Business & Service Models • The Platform Economy and the Emerging Secure Currencies Eco-System etc. • The Regulatory, and Privacy-Security Challenges - Excelling in Coepetition & Regulatory Compliance
12:45-12:50	Closing Remarks: Silvia Denegri Critical-Chains Consortium.