

https://research.reading.ac.uk/critical-chains/

- n Critical Chains H2020 Project
- @ChainsH2020
- https://www.youtube.com/channel/UCa3QA5cOLRMR8bPGIvsVWg

Financial Sector Cyber-Physical Security Solutions Re-architecting Traditional Banking facing Rapid Evolution of Technology and Fraud <u>Friday 17th December 2021, 10:00- 12:50 CET (Webinar)</u>

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 Universition of Critical-Chains Innovation supported by the Critical-Chains Integrated Framework Integrated Framework Evolution of Critical-Chains Soft ITALIAN - Critical Chains Sectoral Demonstrator Partner 10:20 - 11:40 Demonstration of Critical-Chains Innovation supported by the Critical-Chains Integrated Framework Integrated Framework Integrated Chains Sectoral Demonstrator Partner 10:20 - 11:40 Demonstration of Critical-Chains A Fintech Pilot Application Massimilian Oxschi, POSTE ITALIAN - Critical Chains Sectoral Demonstrator Partner 10:20 - 11:40 Critical-Chains Insurtech Pilot Application Massimilian Oxschi, POSTE ITALIAN - Critical Chains Sectoral Demonstrator Partner 10:20 - 11:40 Critical-Chains Sectoral Detection and Reaction System Matthias PERROD (CEA) 11:40 - 11:55 Critical-Chains Suser-In-Range Verification - Application in Pandemic Restrictions Compliance Audit (Case Study: Insurance Claims Settlement) Dr Alper Kanak (ERARGE), Gert-Jan van Schaik (IMEC) 11:40 - 11:55 Critical-Chains Scalable Blockchain Solutions in FinTech Silver Kelk (Guardtime) 11:40 - 11:55 VoleeSeceleurope Perspectives on Open Bank	Session 1: Needs Must: Re-inventing Banking for Security & Integrity in the new Financial Sector		
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 Descin 2: Innovations to Support Security and Sustainable Success in the Financial Sector 10:20-11:40 Demonstration of Critical-Chains Innovation supported by the Critical-Chains Integrated Framework Inttps://research.reading.ac.uk/critical-chains/ Inttps://research.reading.ac.uk/critical-chains/ 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 Settlement J Dr Alper Kanak (ERARGE), Gert-Jan van Schaik (IMEC) Critical-Chains Scalable Blockchain Solutions in FinTech Silver Kelk (Guardtime) 11:40-11:55 CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project (https://cybersec4europe.eu/) Session 3: Overstop-Shop-Banking-as-a-Service- The New Face of Sustainable Success in Banking of the Future 12:10 - 12:45 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. Theellitator: Professor Atta Badii (University of Readi	10:00 - 10:10	Welcome & Overview of the Workshop, Silvia Denegri– RINA Consulting, Critical-Chains Consortium.	
10:20-11:40 Demonstration of Critical-Chains Innovation supported by the Critical-Chains Integrated Framework https://research.reading.ac.uk/critical-chains/ • 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 Sue-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 • CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/) 12:55-12:10 • Value3S Verification and Validation of Automated Systems 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 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking, - Traditional & Open Banking Challenges - Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: • Traditional & Open Banking Challenges • The Platform Economy and the Emerging Secure Currencies Eco-Syste	10:10 - 10:20	Protection in the rapidly evolving threat landscape: Countering Cyber Attacks & Fraud in the New Open	
https://research.reading.ac.uk/critical-chains/ • 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 Jeghway Toll Collection Partner NETAS • 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 • CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/) 11:55-12:10 • Value3S Verification and Validation of Automated Systrms in the Chain Dr Salih Ergun (ERARGE), - Value3S Project (https://valu3s.eu/) Session 3: One-Stop-Shop-Bankling-as-a-Service- The New Face of Sustainable Success in Banking of the Future 12-10 - 12:45 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. • 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 Coopetition & Regulatory Compliance	Session 2: Innovations to Support Security and Sustainable Success in the Financial Sector		
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 Al-Enabled Intrusion Detection and Reaction System Matthias PERROD (CEA) Critical-Chains Suser-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 CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/) 11:55-12:10 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 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. – Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: 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 Coopetition & Regulatory Compliance	10:20- 11:40		
Vito Domizio (EY) • Critical-Chains Highway Toll Collection Pilot Application Juan Castro (INDRA), and Integration Partner NETAS • Critical-Chains Al-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 • CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/) 11:55-12:10 • 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 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. – Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: • 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 Coopetition & Regulatory Compliance			
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• CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/)11:55-12:10• 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 Future12-10 - 12:45Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: • 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 Coopetition & Regulatory Compliance			
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)11:40-11:5511:40-11:55• CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/)11:55-12:10• 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 Future12-10 - 12:45Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. - Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: • Traditional & Open Banking Challenges • The Emergent Business & Service Models • The Emergent Business & Service Models • The Platform Economy and the Emerging Secure Currencies Eco-System etc. • The Regulatory, and Privacy-Security Challenges - Excelling in Coopetition & Regulatory Compliance			
(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• CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/)11:55-12:10• Value3S Verification and Validation of Automated Systems in the Chain Dr Salih Ergun (ERARGE), - Value3S Project (https://valu3s.eu/)Session 3: Ore-Stop-Shop-Banking-as-a-Service- The New Face of Sustainable Success in Banking of the Future12-10 - 12:45Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. • 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 Coopetition & Regulatory Compliance			
Silver Kelk (Guardtime)11:40-11:55• CyberSec4Europe Perspectives on Open Banking David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/)11:55-12:10• Value3S Verification and Validation of Automated Systrms in the Chain Dr Salih Ergun (ERARGE), - Value3S Project (https://valu3s.eu/)Session 3: Use Stop-Shop-Banking-as-a-Service- The New Face of Sustainable Success in Banking of the Future12-10 - 12:45Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. Themes: Traditional & Open Banking Challenges The Emergent Business & Service Models The Emergent Business & Service Models The Platform Economy and the Emerging Secure Currencies Eco-System etc. The Regulatory, and Privacy-Security Challenges - Excelling in Coopetition & Regulatory Compliance		(Case Study: Insurance Claims Settlement)	
David Goodman (Trust in Digital Life), CyberSec4Europe Project- (https://cybersec4europe.eu/)11:55-12:10Value3S 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 Future12-10 – 12:45Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts)Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open BankingFacilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: • 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 Coopetition & Regulatory Compliance			
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 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. – Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) – Themes: • 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 Coopetition & Regulatory Compliance	11:40- 11:55		
 12-10 – 12:45 Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts) Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. – Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: 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 Coopetition & Regulatory Compliance 	11:55- 12:10		
 Innovation Adoption Strategy in a Rapidly Challenging Environment for the Traditional and Open Banking. – Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: 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 Coopetition & Regulatory Compliance 	Session 3: O	ne-Stop-Shop-Banking-as-a-Service- The New Face of Sustainable Success in Banking of the Future	
 Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes: 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 Coopetition & Regulatory Compliance 	12-10 – 12:45	Panel Discussion: Stakeholders (Finance/banking entities, subject matter experts)	
 The Emergent Business & Service Models The Platform Economy and the Emerging Secure Currencies Eco-System etc. The Regulatory, and Privacy-Security Challenges - Excelling in Coopetition & Regulatory Compliance 		Facilitator: Professor Atta Badii (University of Reading, Critical-Chains Consortium) Themes:	
 The Platform Economy and the Emerging Secure Currencies Eco-System etc. The Regulatory, and Privacy-Security Challenges - Excelling in Coopetition & Regulatory Compliance 			
12:45-12:50 Closing Remarks: Silvia Denegri Critical-Chains Consortium.		The Platform Economy and the Emerging Secure Currencies Eco-System etc.	
	12:45-12:50	Closing Remarks: Silvia Denegri Critical-Chains Consortium.	

