IMT SCHOOL FOR ADVANCED STUDIES
PHD PROGRAM IN "CYBERSECURITY" - XXXVIII CYCLE

CANDIDATES ADMITTED TO THE INTERVIEW

(alphabetical order)

Name	Surname	Project(s)
Tala	Alaa Eddine	Well-founded cybersecurity techniques Software security: analysis and verification of properties Data protection and privacy in innovative application scenarios Cryptographic protocols for the cyberspace Hardware implementation of Post Quantum Cryptography algorithms Evolutionary application of AI techniques in cybersecurity
Shafqat	Ali	CyberSEAS (Cyber Securing Energy dAta Services) Well-founded cybersecurity techniques Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Machine learning for network security and malware detection Formal methods for system security Data protection in emerging scenarios
Zeeshan	Ali	Data protection and privacy in innovative application scenarios Methods and tools for the security assessment of critical information infrastructures Advanced usage control approaches for data protection Cybersecurity of Complex Systems Evolutionary application of AI techniques in cybersecurity

Mulualem Bitew	Anley	Keeping systems, data, and your identity secure Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems Evolutionary application of AI techniques in cybersecurity Development of technologies for automatic recognition of (deep) fake news on OSN
Waqas	Arshid	Machine learning for network security and malware detection Enhanced soft computing techniques for fake news detection Development of technologies for automatic recognition of (deep) fake news on OSN
Luigi	Azzolini	Human and socio-legal dimensions for a better-safe Cyberspace
Filippo	Bagni	Human and socio-legal dimensions for a better-safe Cyberspace Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems
Farwa	Batool	Integrated self-defense of interconnected systems Discovery of False Information on digital communication channels Innovative and practical cybersecurity solutions for systems and infrastructures Enhanced soft computing techniques for fake news detection Investigation on GAN- Generated Malware Development of technologies for automatic recognition of (deep) fake news on OSN
Omran	Berjawi	Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Automatic software vulnerability detection Machine learning for network security and malware detection Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Use of Artificial Intelligence for the protection of Critical Infrastructure Evolutionary application of AI techniques in cybersecurity
Marco	Blanchini	Conspiracy Theories on Social Media Formal methods for system security Cognitive characterization of fake media and media manipulation Investigation on GAN- Generated Malware Application of zero-knowledge techniques to IoT constrained devices Data protection in emerging scenarios
Francesco	Blefari	Keeping systems, data, and your identity secure

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Davide	Bragetti	Data protection and privacy in innovative application scenarios Certification Languages for Compliance and Security of Cloud Services Cryptographic protocols for the cyberspace Advanced usage control approaches for data protection Application of zero-knowledge techniques to IoT constrained devices Hardware implementation of Post Quantum Cryptography algorithms
Francesco	Casaril	Conspiracy Theories on Social Media Human and socio-legal dimensions for a better-safe Cyberspace Enhanced soft computing techniques for fake news detection Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Use of Artificial Intelligence for the protection of Critical Infrastructure
Samuele	Casarin	Well-founded cybersecurity techniques
Niccolò	Cecchinato	Cybersecurity at the factory plant Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Security mechanisms at system level Security of 5G infrastructure and its evolution to 6G
Michele	Cerreta	Automatic software vulnerability detection Security mechanisms at system level Software security: analysis and verification of properties Methods and tools for the security assessment of critical information infrastructures Use of Artificial Intelligence for the protection of Critical Infrastructure Evolutionary application of AI techniques in cybersecurity
Noemi	Cionfoli	Conspiracy Theories on Social Media Human and socio-legal dimensions for a better-safe Cyberspace Enhanced soft computing techniques for fake news detection Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems Development of technologies for automatic recognition of (deep) fake news on OSN
Giovanni	Ciriello	Human and socio-legal dimensions for a better-safe Cyberspace
Serena	Cofano	Cybersecurity of Complex Systems

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Viviana	Condorelli	Conspiracy Theories on Social Media Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Use of Artificial Intelligence for the protection of Critical Infrastructure Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems Development of technologies for automatic recognition of (deep) fake news on OSN
Francesco	Di Gennaro	CyberSEAS (Cyber Securing Energy dAta Services) Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Machine learning for network security and malware detection Methods and tools for the security assessment of critical information infrastructures Cryptographic protocols for the cyberspace
Pietro	Di Gennaro	Machine learning for network security and malware detection Data protection and privacy in innovative application scenarios Use of Artificial Intelligence for the protection of Critical Infrastructure Hardware implementation of Post Quantum Cryptography algorithms Data protection in emerging scenarios Cyber security applied to 4\/5G Mission Critical Networks and Applications
Davide	Di Monda	Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence
Federico Daniel	Di Persio	Human and socio-legal dimensions for a better-safe Cyberspace
Otuekong	Ekpo	Machine learning for network security and malware detection Human and socio-legal dimensions for a better-safe Cyberspace Keeping systems, data, and your identity secure The Anti-Digital Forensics Cyber Kill Chain Cyber security applied to 4\/5G Mission Critical Networks and Applications
Ahmad	Esmaeil Abbasi	Well-founded cybersecurity techniques Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Automatic software vulnerability detection Methods and tools for the security assessment of critical information infrastructures Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Cybersecurity of Complex Systems

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Matteo	Fabbri	Conspiracy Theories on Social Media Cognitive characterization of fake media and media manipulation Human and socio-legal dimensions for a better-safe Cyberspace Advanced usage control approaches for data protection Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems
Marco Carlo	Feliciano	CyberSEAS (Cyber Securing Energy dAta Services) Methodologies and techniques for analysis, design, monitoring, and prevention of security and safety of critical rail infrastructure Automatic software vulnerability detection Security mechanisms at system level Cryptographic protocols for the cyberspace Hardware implementation of Post Quantum Cryptography algorithms
Berenice	Fernandez Nieto	Conspiracy Theories on Social Media Cognitive characterization of fake media and media manipulation Human and socio-legal dimensions for a better-safe Cyberspace Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Data protection in emerging scenarios Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems
Alessandra	Galassi	Data protection and privacy in innovative application scenarios Human and socio-legal dimensions for a better-safe Cyberspace Formal Models of Cyber Security Data protection in emerging scenarios Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems
Gabriele	Giannini	Security mechanisms at system level Security of 5G infrastructure and its evolution to 6G Innovative and practical cybersecurity solutions for systems and infrastructures Methods and tools for the security assessment of critical information infrastructures Cybersecurity of Complex Systems Analysis of a highway operator's automated critical IT and OT infrastructure systems and identification of innovative cybersecurity solutions
Giacomo	Gori	Integrated self-defense of interconnected systems
Antonio	Guzzo	Data protection and privacy in innovative application scenarios The Anti-Digital Forensics Cyber Kill Chain
Tayasan Milinda	Hewadaunda Gedara	Enhanced soft computing techniques for fake news detection

Mohanakumar	Kotyada	Cybersecurity at the factory plant Human and socio-legal dimensions for a better-safe Cyberspace Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways The Anti-Digital Forensics Cyber Kill Chain Analysis of a highway operator's automated critical IT and OT infrastructure systems and identification of innovative cybersecurity solutions Development of technologies for automatic recognition of (deep) fake news on OSN
Azzurra	Labombarda	Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Data protection and privacy in innovative application scenarios Human and socio-legal dimensions for a better-safe Cyberspace Data protection in emerging scenarios Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems Evolutionary application of AI techniques in cybersecurity
Muhammad Irzam	Liaqat	Conspiracy Theories on Social Media Automatic software vulnerability detection Discovery of False Information on digital communication channels Cognitive characterization of fake media and media manipulation Enhanced soft computing techniques for fake news detection Development of technologies for automatic recognition of (deep) fake news on OSN
Silvia	Marigonda	Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Integrated self-defense of interconnected systems Innovative and practical cybersecurity solutions for systems and infrastructures Cybersecurity of Complex Systems Data protection in emerging scenarios Evolutionary application of AI techniques in cybersecurity
Francesco	Migliaro	Cryptographic protocols for the cyberspace
Mohammed Swaleh	Mohammed	Well-founded cybersecurity techniques Keeping systems, data, and your identity secure
John	Mutinda	Machine learning for network security and malware detection Formal methods for system security Keeping systems, data, and your identity secure Use of Artificial Intelligence for the protection of Critical Infrastructure Formal Models of Cyber Security Evolutionary application of AI techniques in cybersecurity

Muhammad Zeshan	Naseer	Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Machine learning for network security and malware detection Use of Artificial Intelligence for the protection of Critical Infrastructure Hardware implementation of Post Quantum Cryptography algorithms Design of novel security firmware for modern microarchitecture Evolutionary application of AI techniques in cybersecurity Development of technologies for automatic recognition of (deep) fake news on OSN
Alla	Nogai	Conspiracy Theories on Social Media Discovery of False Information on digital communication channels Cognitive characterization of fake media and media manipulation Enhanced soft computing techniques for fake news detection Evolutionary application of AI techniques in cybersecurity Development of technologies for automatic recognition of (deep) fake news on OSN
Maria	Notaristefano	Data protection and privacy in innovative application scenarios Human and socio-legal dimensions for a better-safe Cyberspace Advanced usage control approaches for data protection Data protection in emerging scenarios
Alberto	Olivieri	Conspiracy Theories on Social Media Cognitive characterization of fake media and media manipulation Enhanced soft computing techniques for fake news detection Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways The Anti-Digital Forensics Cyber Kill Chain Development of technologies for automatic recognition of (deep) fake news on OSN
Ayogoke Felix	Omojola	Cybersecurity at the factory plant Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Methodologies and techniques for analysis, design, monitoring, and prevention of security and safety of critical rail infrastructure Machine learning for network security and malware detection Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Methods and tools for the security assessment of critical information infrastructures

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Eghosa	Owenaze	Cybersecurity at the factory plant CyberSEAS (Cyber Securing Energy dAta Services) Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Keeping systems, data, and your identity secure Cybersecurity of Complex Systems Data protection in emerging scenarios
Matteo	Paier	Cybersecurity at the factory plant Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures
Achille Pierre	Paliotta	Conspiracy Theories on Social Media Cognitive characterization of fake media and media manipulation Human and socio-legal dimensions for a better-safe Cyberspace Enhanced soft computing techniques for fake news detection Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems
Luigi	Pigna	Conspiracy Theories on Social Media Certification Languages for Compliance and Security of Cloud Services Human and socio-legal dimensions for a better-safe Cyberspace Enhanced soft computing techniques for fake news detection
Mario	Raciti	The Anti-Digital Forensics Cyber Kill Chain
Daisy	Romanini	Conspiracy Theories on Social Media Certification Languages for Compliance and Security of Cloud Services Cognitive characterization of fake media and media manipulation Human and socio-legal dimensions for a better-safe Cyberspace
Hamza	Sajjad Ahmad	Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Automatic software vulnerability detection Machine learning for network security and malware detection Software security: analysis and verification of properties Cryptographic protocols for the cyberspace

Marco	Scapin	Machine learning for network security and malware detection Software security: analysis and verification of properties Cryptographic protocols for the cyberspace Use of Artificial Intelligence for the protection of Critical Infrastructure Investigation on GAN- Generated Malware Evolutionary application of AI techniques in cybersecurity
Margherita	Semeraro	Human-centered Framework to integrate trustworthy and cyber intelligence in digital systems
Mikhail	Smusev	Conspiracy Theories on Social Media Security of 5G infrastructure and its evolution to 6G Cyber Security and Cyber Intelligence measures for Monitoring, Preventing, and Mitigating Radicalisation Pathways Application of zero-knowledge techniques to IoT constrained devices Cyber security applied to 4\/5G Mission Critical Networks and Applications Analysis of a highway operator's automated critical IT and OT infrastructure systems and identification of innovative cybersecurity solutions
Faiza	Tahir	Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Software security: analysis and verification of properties Data protection and privacy in innovative application scenarios Keeping systems, data, and your identity secure Cybersecurity of Complex Systems Data protection in emerging scenarios
Yaseen Khan	Tanoli	Conspiracy Theories on Social Media Machine learning for network security and malware detection Enhanced soft computing techniques for fake news detection Development of technologies for automatic recognition of (deep) fake news on OSN
Papissiki	Tato	Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Data protection and privacy in innovative application scenarios Human and socio-legal dimensions for a better-safe Cyberspace Advanced usage control approaches for data protection Use of Artificial Intelligence for the protection of Critical Infrastructure Evolutionary application of AI techniques in cybersecurity
Gabriele	Tedeschi	Automatic software vulnerability detection Software security: analysis and verification of properties Methods and tools for the security assessment of critical information infrastructures

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Naeem	Ullah	Automatic software vulnerability detection Machine learning for network security and malware detection Enhanced soft computing techniques for fake news detection Use of Artificial Intelligence for the protection of Critical Infrastructure Evolutionary application of AI techniques in cybersecurity Development of technologies for automatic recognition of (deep) fake news on OSN
Ubaid	Ullah	Study and development of algorithms and advanced identification and authentication techniques based on biometric procedures Well-founded cybersecurity techniques Methodologies and techniques for analysis, design, monitoring, and prevention of security and safety of critical rail infrastructure Software security: analysis and verification of properties Keeping systems, data, and your identity secure Advanced usage control approaches for data protection
Zahid	Ullah	CyberSEAS (Cyber Securing Energy dAta Services) Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Use of Artificial Intelligence for the protection of Critical Infrastructure Cybersecurity of Complex Systems
Samuele	Zanini	Security of 5G infrastructure and its evolution to 6G
Yuhui	Zhu	Cybersecurity at the factory plant Methodologies and techniques for analysis, design, monitoring, and prevention of security and safety of critical rail infrastructure Methodologies and techniques for preventing, detecting, and mitigating cyberattacks with privacy-preserving tools from eXplainable Artificial Intelligence Investigation on GAN- Generated Malware Evolutionary application of AI techniques in cybersecurity Analysis of a highway operator's automated critical IT and OT infrastructure systems and identification of innovative cybersecurity solutions

Lucca, 26 ottobre 2022

La responsabile del procedimento amministrativo

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Dott.ssa Serena Argentieri
(f.to Serena Argentieri)