The summer school will take place on the 6th and 7th of July 2023 (Thursday and Friday), from 08:30 a.m. to 4:00 p.m. in the facilities of the Cyprus University of Technology and in the Themistocleous building (https://maps.app.goo.gl/G5SWCkREs36pe8Zr6) at Pefkios Georgiades Amphitheatre.

Summer School Workshops:
"Innovation in Attribute-based Authentication" by INCOGNITO
(6th of July 2023)
"Negotiation Skills for Research Projects and Project Management in Cybersecurity Summer School" by SECONDO
(7th of July 2023)

SPEAKERS

Stylianos Yiatros, Ph.D
Associate Professor at Cyprus University of Technology

Physical Present Day 1 (06.07.2023) - INCOGNITO
<u>Title</u>: **"Tackling Grand Challenges: A crash course on systems thinking"**

Dr Stelios Yiatros is an Associate Professor in Structural Engineering in the Department of Civil Engineering and Geomatics at the Cyprus University of Technology. Between 2015-2017 Stelios was a Marie Curie Intra European Fellow at Cranfield University (UK). Stelios was in the core team to lead the successful entry of the Cyprus University of Technology in the EIT Climate Knowledge and Innovation Community (KIC) and became the Education Lead for the local EIT Climate-KIC Hub, while being also one of the co-founders of Chrysalis LEAP, the first cleantech business idea accelerator in Cyprus. His involvement in Systems Innovation and Entrepreneurship has led to a successful bid to coordinate "Innovate EUt" of the EIT HEI Initiative call. Stelios holds a Master of Engineering in Civil and Environmental Engineering from Imperial College London (UK) and a PhD in nonlinear structural mechanics from the same university. He is a Member of the Cyprus Scientific and Technical Chamber (ETEK), Graduate Member of the Institution of Structural Engineers (IStructE), Associate Member of the American Association of Civil Engineers (ASCE), Chair of the Stability Committee of the ASCE Engineering Mechanics Institute, Member of the Leadership Council of the UN Sustainable Development Solutions Network in Cyprus and National Representative at the CEN/TC350/SC1 for circular economy in the construction sector. In 2008, Stelios and his collaborators received the Trevithick Prize for the Best Paper in Engineering Sustainability from the Institution of Civil Engineers. In 2015 he was awarded merit in Excellence in Structural Engineering Education by the Institution of Structural Engineers for

his innovative teaching case study for Integrated Design. His research interests include nonlinear structural mechanics, novel multifunctional structural materials, entrepreneurship and sustainability in construction and design, systems innovation, biomimetic design and innovation in Engineering Education.

Kostantinos Papadamou, Ph.D
Research Associate at Cyprus University of Technology

Physical Present Day 1 (06.07.2023) - INCOGNITO
<u>**Title: "Innovation in identification-IDifier"**</u>

Dr Kostantinos Papadamou is a Research Associate at Cyprus University of Technology in the Department of Electrical Engineering, Computer Engineering and Informatics. Kostantinos holds a PhD in Computer Science from Cyprus University of Technology. In 2014 and 2016 he received, respectively, the BSc and MSc degrees in Computer Engineering from the Cyprus University of Technology. From November 2021 to April 2023, Kostantinos was a Postdoctoral Researcher at University College London working on the PROACTIVE project with Dr. Emiliano De Cristofaro as part of REPHRAIN — National Research Centre on Privacy, Harm Reduction and Adversarial Influence Online. Kostantinos has extensive experience in EU-funded projects. Specifically, as a Research Fellow at Cyprus University of Technology, he had the technical lead of the ReCRED project (Horizon 2020 Innovation Action - 2014) and he also participated as a researcher in several other projects like the ENCASE project (Horizon 2020 Marie Curie RISE - 2015), the INCOGNITO project (Horizon 2020 Marie Curie RISE - 2020), and the SECONDO project (Horizon 2020 Marie Curie RISE - 2020).

Furthermore, his research interests lie in the fields of social networks analysis, security in social networks, fake news, deep learning, big data analysis, authentication security, device-centric authentication, and federated ID. In the context of his PhD thesis, he focused on characterizing abhorrent, misinformative, and mistargeted content on YouTube working on several projects that involve big data analysis and deep learning. From May to November 2018, Kostantinos also worked as a Research Intern at Telefonica Research in Barcelona, Spain, where he studied the problem of inappropriate YouTube videos targeting young children utilizing deep learning, big data analysis, and graph analysis. This work has been published at ICWSM' 20 and can be read here.

Nikos Salamanos, PhD
Post-doctoral Researcher at Cyprus University of Technology

Physical Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"The landscape of arms trafficking on the Dark Web"**

Dr. Nikos Salamanos is a post-doctoral researcher at NetSySci Research Laboratory, Cyprus University of Technology. For the last four years, he has been involved in several EU-funded research projects (CONCORDIA, SECONDO, INCOGNITO, AERAS). Within the framework of these projects, he worked on developing privacy-preserving content moderation tools on social media, disinformation detection on Twitter based on state-of-the-art Machine learning techniques, and also empirical studies of disinformation events, analyzing very large data by graph theoretic tools. His research interests include distributed machine learning, data-driven studies of collective and dynamic behavior in social networks, such as diffusion of disinformation and quantification of social influence. He received his PhD in Computer Science from the Athens University of Economics and Business. His background is interdisciplinary, from Physics (B.Sc.) to theoretical computer science (M.Sc.) and social network analysis (PhD).

Nikos Passas, Ph.D
Teaching Staff at the National and Kapodistrian University of Athens

Online Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"Project proposal accepted - And now what?"**

Dr. Passas received his Diploma (honors) from the Department of Computer Engineering, University of Patras, Greece, and his Ph.D. degree from the Department of Informatics and Telecommunications, University of Athens, Greece, in 1992 and 1997, respectively. He is currently a member of the teaching staff in the Department of Informatics and Telecommunications of the University of Athens, and a group leader of the Green, Adaptive and Intelligent Networking (GAIN) research group inside the department. Over the years, he has participated and coordinated a large number of national and European research projects. Dr. Passas has served as a guest editor and technical program committee member in prestigious magazines and conferences, such as IEEE

Wireless Communications Magazine, Wireless Communications and Mobile Computing Journal, IEEE Vehicular Technology Conference, IEEE PIMRC, IEEE Globecom, etc. He has published more than 150 papers in peer-reviewed journals and international conferences and has also published 1 book and 11 book chapters. His research interests are in the area of mobile network architectures and protocols. He is particularly interested in quality of service provision for wireless networks, medium access control, and mobility management. Dr. Passas is a member of the IEEE and a member of the Technical Chamber of Greece.

Vaios Bolgouras, M.Sc.
Ph.D. Candidate and Researcher at the University of Piraeus

Physical Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"Blockchain technology and the effects in global economy"**

Mr. Vaios Bolgouras is a researcher and PhD candidate in the Department of Digital Systems at the University of Piraeus. His area of expertise focuses on network security and authentication methods, blockchain, while also having a deep understanding of privacy issues and related regulations. Mr. Bolgouras is currently involved in the SECONDO research project, where he focuses on the assessment and effective management of cyber risks. Mr. Bolgouras also participated in the SPIDER research project, where he developed, integrated and tested parts of a 5G Cyber Security training platform. He has also participated in the INCOGNITO research project, designing and integrating blockchain technology into the platform. He was a cybersecurity analyst at Neurosoft and a member of the SealedGRID research project, where he worked on the research and development of authentication and key management systems related to Smart Grid ecosystems. Mr. Bolgouras has worked at the consulting firm PWC as part of a team focused on preparing businesses to comply with the requirements set by GDPR and ISO 27001. Finally, Mr. Bolgouras has experience in programming courses at a private school . He also holds ISO 27001:2013 certification.

Michalis Takaronis, M.Sc.
Research assistant at the University of Piraeus

Physical Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"CVE, Zero day detection and risk impact"**

Michalis Takaronis is an accomplished cybersecurity professional and security assistant at the University of Piraeus. He is currently pursuing an MSc in Cybersecurity and is a graduate of the University of Piraeus. He is also a core member of the training and management team on the Hellenic Cybersecurity Team. He has a passion for cybersecurity, particularly in the areas of binary exploitation, software, and system security. Michalis is an experienced CTF competition player with numerous joins, and he is interested in CTF challenge creation focused on binary exploitation.

Aggelos-Marios Sideris M.Sc.
Researcher at the University of Piraeus

Physical Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"Building the human firewall"**

Angelos-Marios Sideris is a researcher and postgraduate student in the Department of Digital Systems of the University of Piraeus in the field of Digital Systems Security. The area of expertise is aimed at network security and ways of implementing networks, blockchain ways of training people in the field of security. Mr. Sideris is currently working on the SECONDO research project. Mr. Sideris also participated in the ERATOSTHENES research project in order to create a device authentication and risk calculation platform. He has also been involved in the creation of educational material in CTF format with the aim of training people in various areas of network security. He also has experience in creating websites as well as databases and managing them. Finally, he has knowledge of the English language and has the Michigan Proficiency certificate.

Aristeidis Farao

Ph.D. Candidate and Associate Researcher at the University of Piraeus, Greece
Ph.D. Fellow at the European Security and Defence College, External Action Service of the European Union

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> **"INCOGNITO presentation: Privacy and qualified anonymity"**

Aristeidis Farao is a Ph.D. candidate at the Department of Digital Systems of the School of Information and Communication Technologies of the University of Piraeus since 2018. He received his B.Sc. degree in "Digital Systems Science" in 2016 and his M.Sc. degree in "Digital Systems Security" in 2018, both from the Department of Digital Systems of the University of Piraeus. Since 2016 he has been a member of the Security Systems Laboratory (SSL) of the University of Piraeus. He has participated and contributed to research projects funded by the European Union (SealedGRID, SECONDO, INCOGNITO, SPIDER, LOCARD) and the Greek government (NETPHISH). In addition, he has experience as a Cybersecurity Analyst working in the private sector, where he participated in the design and development of advanced critical infrastructures with high security measures. He has authored and co-authored scientific articles published in peer-reviewed journals and conferences and co-authored book chapters. He has more than 90 citations in his published work. In addition, he is a reviewer in peer reviewed journals such as: a) IEEE Transactions on Network and Service Management, b) Computer & Security, Elsevier, c) Telecommunications Systems, Springer , d) Networking Letters, e) PeerJ Computer Science and f) IET Information Security and in international conferences such as: (a) SecAssure 2022, (b) ARES 2022, (c) ESORICS 2022, (d) ARES 2021, (e) Cyber-Physical Security for Critical Infrastructures Protection, 2020, (f) ESORICS 2020, 2019. He has also served as a member of technical committees in international conferences such as: a) 3rd IWAPS 2023, b) 6th IWSECC 2022, c) 5th IWSECC 2022, d) 2nd IWAPS 2022, e) 1st CTSS 2022 and f) 4th IWSECC 2021. He has been a member of the IEEE community since 2022 and a certified Chief Inspector of Information Security Management Systems according to ISO 27001:2013 by TÜV Hellas (TÜV AUSTRIA) since 2017. His research interests lie in the areas of security economics, cyber insurance, digital systems security, network security, application security, security in Smart Grid Networks, authentication and applied cryptography.

Panagiotis Bountakas

Ph.D. Candidate and Associate Researcher at the University of Piraeus, Greece
InQbit Innovations SRL.

Online Presentation Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"TRUSTEE: multi-stakeholder data exchange and data sovereignty"**

Mr. Panagiotis Bountakas holds a B.Sc. in Information and Communication Technologies (2015) and a M.Sc. in Digital Systems Security (2018) both from the <u>Digital Systems Department of University of Piraeus</u>. Currently, he is a PhD student in University of Piraeus and a research assistant in <u>Systems Security Laboratory</u> and a certified Chief Inspector of Information Security Management Systems according to ISO 27001:2013 by TÜV Hellas (TÜV AUSTRIA). His research interests focus on the application of AI methods, such as Machine and Deep Learning in Cybersecurity, data collection and analysis of cyberattacks and malwares, enhancing the robustness of AI systems as well as on edge-cloud security. The last years he has participated in several EU Funded (H2020 and Horizon Europe) Programs (YAKSHA, PRACTICIES, FutureTPM, SealedGRID, SECONDO, CyberSec4Europe, SPIDER, aerOS), as well as in Greek state projects (NetPHISH) and his research has been published in renowned journals and conferences. He is an active reviewer in numerous peer-reviewed journals and conferences: (a) Computer & Security, Elsevier, (b) IEEE Transactions on Network and Service Management, (c) Data & Knowledge Engineering, Elsevier, (d) Telecommunications Systems, Springer, (e) IET Information Security, (f) ARES '21 and '22, (g) ESORICS '21 and '22, (h) TrustBus '19, (i) CYSARM '20 and '21, and (j) ICICS '20.

Ioannis Chouchoulis, M.Sc.

Researcher at the University of Piraeus

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> **"OASEES: SSI ledger for Swarm Organization"**

Ioannis Chouchoulis holds a BSc from the Department of Informatics and Telecommunications (NKUA) (2021) and a MSc in Digital Systems Security (2023) from the University of Piraeus. He has been issued the ISO/IEC 27001:2013 by TÜV Hellas (TÜV AUSTRIA) and the CCNA Security certifications. Since 2020, he has been a member of Systems Security Lab and a researcher at the University of Piraeus, contributing in internal projects related to authentication and authorization protocols (FIDO, OpenID Connect). He has recently participated in several research projects funded by the EU (FutureTPM, SPIDER, CUREX, PUZZLE), contributing in the corresponding deliverables.

Apostolis Zarras, Ph.D.
Senior Researcher at the University of Piraeus, Greece

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> **"CHRISS: Blockchain Security in GNSS"**

Apostolis Zarras is a researcher at the University of Piraeus. Previously, he was a faculty at the Delft University of Technology and Maastricht University and, before that, a postdoctoral researcher at the Technical University of Munich. He received his Ph.D. degree in IT Security from the Ruhr-University Bochum. He also holds a M.Sc. and a B.Sc. degree in Computer Science from the University of Crete. His research interests span the areas of systems, networks, and web security. He is, in particular, interested in detecting and defending against cyber threats that target end-users and devices. His current research focuses on hardening systems against cyber-attacks by combining traditional mechanisms with machine learning.

Ioannis Makropodis, M.Sc.
Researcher at the University of Piraeus
InQbit Innovations SRL.

Online Presentation Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"TRUSTEE: multi-stakeholder data exchange and data sovereignty"**

Ioannis Makropodis graduated from the Department of Computer Science of the University of Crete in July 2019. In 2022, he also graduated with a Master's Degree in Digital Systems Security from the Digital Systems Department of the University of Piraeus. During his master thesis, he gained experience with authentication protocols, like FIDO UAF and OpenID Connect by integrating them into an Android environment. He started his research at the systems security laboratory of the University of Piraeus where he participated in the projects CityZEN and (H2020) CUREX. He is currently working as a Junior researcher at Inqbit and participates in 2 European-funded H2020 projects (FAME and aerOS). His research interests include data sharing and privacy, authentication techniques, and mobile internet security.
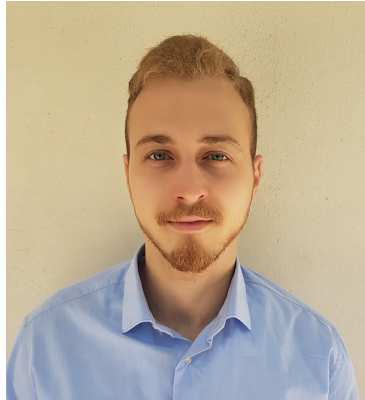
Theodoros Ioannidis, M.Sc.

Researcher at the University of Piraeus, Greece
InQbit Innovations SRL.

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> **"PHYSICS: Creating paths towards trusted and secure communication"**

Thodoris Ioannidis is a full stack and cloud developer in InQbit, he has obtained his BSc diploma in Digital Systems from the University of Piraeus in 2020, he is a Cisco Netacad Network Security certified instructor and is currently finishing his MSc in Digital Systems Security at the University of Piraeus. His research is focused on distributed ledger technologies, education and training in cybersecurity, machine-learning automations and secure cloud and IoT development. His skill set includes full stack and blockchain development, cybersecurity training, network and protocol security, device hardening and secure IoT smart-grid communications and architectural design. He has experience developing secure software systems, contributing to numerous EU funded projects and is currently working on the Horizon 2020 EU funded PHYSICS project from 2022, providing security and privacy cloud solutions and smart contract enhancements in FaaS environments.

Georgios Petihakis, M.Sc.

Researcher at the University of Piraeus, Greece

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> **"ENTRUST: Building trust with our medical devices"**

George Petihakis received his B.Sc in Computer Science (2016) from the Digital System Department of University of Piraeus. He also received his M.Sc in Bioinformatics (2019) from Biology Department of National and Kapodistrian University of Athens. Currently he is a Postgraduate student of the Digital System Department of University of Piraeus pursuing an M.Sc in Digital Systems Security. He worked as a software engineer (2020-2022) and since 2023, he has been an assistant researcher and part of the Systems Security Laboratory research team of the University of Piraeus. His research interests focus on network security and cryptography and the application of Artificial Intelligence in Cybersecurity.

Ioannis Styliannou, M.Sc.
Researcher at the University of Piraeus, Greece
InQbit Innovations SRL.

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> **"EVOLDED-5G: IAM in mobile networks"**

Ioannis Stylianou (M) is a Junior Researcher at InQbit. Ioannis graduated from the Department of Digital Systems of the University of Piraeus in 2021. In 2023, he obtained a Master's Degree in Digital Systems Security from the same university. Since 2021, he has also been part of the Systems Security Laboratory research team of the University of Piraeus. He has been working on (H2020) EVOLVED-5G since 2021, where he gained experience with secure authentication and authorization with OpenID Connect. Since 2022, he is also working on the (H2020) TRUSTEE project. His research interests focus on cyber-security, cyber-psychology and data analysis.

Athanasios Grammatopoulos, M.Sc.
Ph.D. Candidate at the University of Piraeus, Greece
InQbit Innovations SRL.

Online Presentation Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"TRUSTEE: multi-stakeholder data exchange and data sovereignty"**

Athanasios Grammatopoulos is a Security Researcher and PhD Candidate at the University of Piraeus. He graduated from the Department of Electrical and Computer Engineering of the Technical University of Crete in 2018, and from the Master's program in Security of Digital Systems of the University of Piraeus in 2021. He has worked at the European Agency for Cyber Security (ENISA) as a Cybersecurity Operational Assistant during 2020 - 2022. From 2023 he is a PhD Candidate at the Department of Digital Systems of the University of Piraeus. His research interests focus on user education in digital security, vulnerability identification in digital systems and secure and strong passwordless authentication.

Anastassis Voudouriss, M.Sc.

Ph.D. Candidate at the University of Piraeus, Greece

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> "Credentials encryption"

Anastassis Voudouris is a Security Researcher and PhD Candidate at the University of Piraeus. He graduated from the Department of Applied Mathematics of the University of Crete in 2016, and from the Master's program in Applied Mathematics of the National Kapodistrean University of Athens in 2019. Since 2021, he has also been part of the Systems Security Laboratory research team of the University of Piraeus and a Ph.D Candidate at the Department of Digital Systems. His research interests focus on threshold cryptography and secret sharing schemes.
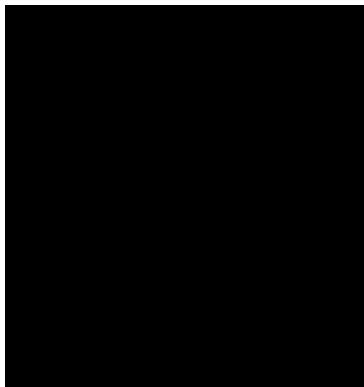
Michail Bampatsikos, M.Sc.

Ph.D. Candidate at the University of Piraeus, Greece

Online Presentation Day 1 (06.07.2023) - INCOGNITO
<u>Title:</u> "IoT devices' trust management"

Mr. Michail Bampatsikos received his BSc in Informatics from the Technological Educational Institute of Lamia (Greece, 2013) and his MSc in Information Security from the University of Surrey (England, 2015). He has worked for two IT companies in Greece in a variety of roles including, providing technical support to users, upgrading an organization's IT infrastructure and developing as well as testing web applications. Moreover, Mr Bampatsikos has worked as a researcher with the University of Surrey in the fields of penetration testing and blockchain based privacy preserving recommender systems. In addition to conducting research, during his collaboration with the University of Surrey, he taught undergraduate courses and marked assignments. In 2017 he received a scholarship from the Stavros Niarchos Foundation to carry out Industrial Ph.D. research focusing on "Management of Healthcare Data and Intellectual Property in Participatory Creativity using Blockchains". This research is conducted in a collaborative manner between the Department of Digital Systems (University of Piraeus), the Institute of Informatics and Telecommunications (NCSR Demokritos) and the company EXODUS S.A.. Mr. Bampatsikos' research interests focus on the field of Trust Management in IoT network services and devices. Additionally, as a member of the Systems Security Laboratory he actively participates to EU funded projects and the authoring of proposals. Finally, he is a reviewer in multiple prestigious journals and conferences in the field of cyber security.

Christos Seferiadis, M.Sc.
Researcher at the University of Piraeus, Greece

Physical Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"Building the human firewall"**

Christos Seferiadis holds a Bsc from the Department of Digital Systems of the University of Piraeus in 2021. He has also a Msc from the same university. Since 2021, Mr. Seferiadis has been a member of the Digital Systems Security Laboratory research team of the University of Piraeus. He expertises at network security and ways of training people in the field of cybersecurity. He is currently working on the SECONDO research project and has participated on research projects funded by European Union (INCOGNITO, OASSES) and Greek government (NETPHISH).

Christos Fakitsas, MBA
Researcher at the University of Piraeus, Greece, SSL Team

Physical Present Day 2 (06-07.07.2023) - SECONDO
<u>Title:</u> **"Secondo General Overview"**

Mr. Christos Fakitsas is a Mechanical Engineering graduate of the University of Western Macedonia, holder of a Master's degree in Business Administration and holder of a professional certification in project management (PMP). He has experience in managing projects in the energy sector, that include energy production from different sources and energy management, in Greece, countries of Europe and the Middle East. In the past he managed European funded research projects (HORIZON 2020) involved in the demand management part of an autonomous Micro-Grid. Currently he is cooperating with the Department of Digital Systems of the University of Piraeus as an external partner. He had an active role in the management of the European research project SealedGRID in the last two years of its implementation and its closure. At the time he holds an active role in the management of European research project SECONDO where he supervises the completion of the deliverables and oversees that all partners comply with their obligations.

Prof. Christos Xenakis,
University of Piraeus, Greece, SSL Team

Physical Present Day 2 (07.07.2023) - SECONDO
<u>Title:</u> **"ERATOSTHENES: Trust Score"**

Prof. Christos Xenakis received his B.Sc degree in computer science in 1993 and his M.Sc degree in telecommunication and computer networks in 1996, both from the Department of Informatics and Telecommunications, University of Athens, Greece. In 2004 he received his Ph.D. from the University of Athens (Department of Informatics and Telecommunications). From 1998 - 2001 he was with a Greek telecoms system development firm, where he was involved in the design and development of advanced telecommunications subsystems. From 1996 - 2007 he was a member of the Communication Networks Laboratory of the University of Athens. Since 2007 he is a faculty member of the Department of Digital Systems of the University of Piraeus, Greece, where currently is a Professor, a member of the Systems Security Laboratory and the director of the Postgraduate Degree Programme, on "Digital Systems Security". He has participated in numerous projects realized in the context of EU Programs (ACTS, ESPRIT, IST, AAL, DGHOME, Marie Curie, Horizon2020) as well as National Programs (Greek). He is the project manager the CUREX, SECONDO, INCOGNITO and SealedGRID projects, funded by Horizon2020, while he was the project manager of the ReCRED project funded by Horizon 2020 and the technical manager of the UINFC2 project funded by DGHOME/ISEC. He is also a steering committee member of the European Cyber Security Challenge (ECSC) and the leader of the Hellenic Cyber Security Team. He is a member of the editorial board of four Thomson Reuters indexed journals: a) Computers & Security Journal of the Elsevier publishing, b) Computer Communications Journal of the Elsevier publishing, c) IET Information Security of the Institute of Engineering and Technology and d) The Computer Journal of the Oxford University Press. His research interests are in the field of systems, networks and applications security. He has authored more than 100 papers in peer-reviewed journals and international conferences.

Mr. George Gugulea,

Research and Development Department Manager at certSIGN, Romania

Physical Present Day 1 (06.07.2023) - INCOGNITO

Title: **"Quantum Safe Protocols and Algorithms"**

Mr. George Gugulea (m) holds a MSc in "Information Security Management" obtained from "Military Technical Academy". Previously he obtained the title of BSc in Computer Science at Polytechnic University of Bucharest. He has an experience of more than 20 years in Software Engineering and in the last 3 years he coordinated the activity of Research and Innovation department in certSIGN, where he currently holds the position of Director of Department. Previously, he coordinated the activity of Research and Development department, for more than 10 years, where he held the position of director of department.

For the last 5 years he coordinated the projects development inside certSIGN, from different positions such as Software Architect, Team Leader or Software Engineer which finalized

with products that are the company core-business tools for digital signature realization, digital signature validation, digital certificate issuance or tachograph cards issuance.

With a BSc specialisation in software engineering and network engineeringing, he coordinated and developed QVSA, a qualified signature validation application, Paperless: a qualified signature realisation application, FIDO UAF server – probably the single complete implementation of the protocol specifications, gateSAFE - a system that secures the web access to backend applications, all of them in industry or in the research and innovation area (in national and European research projects).