

## EU-HYBNET 2nd Annual Workshop, Hybrid #AW



**In Rome and  
online**



**09.00-14.30 CEST**

The EU-HYBNET Annual Workshop presents the project findings and progress to the project consortium members, EU-HYBNET network members and pan-European stakeholders; made up of practitioners, industry, academia, and NGOs.

The programme includes three high-level keynote speech, the project's results and network activities from the second project year. Additionally, the workshop will host a handful of presenters and European projects introducing their unique innovation ideas to counter hybrid threats.

**For who?** The workshop is open to project partners and network members and external participants upon registration and aims at boosting cross-fertilization between the EU-HYBNET project activities, other EU projects and institutional and industrial operators.

**When?** 6<sup>th</sup> of April 2022 at 09.00-14.30 CEST

**Registration Link:** <https://forms.office.com/r/xJd8mP59X4>

The instructions on how to join the meeting (both in presence and online) will be sent once you registration will be approved.

**More information:** Event organizer at Università Cattolica del Sacro Cuore, MS Monica Bernassola [monica.bernassola@unicatt.it](mailto:monica.bernassola@unicatt.it)

# 2nd EU-HYBNET Annual Workshop:

Wednesday 06 April 2022 | 09.00 a.m. – 02.30 p.m. CEST

In presence at UCSC (Meeting room 5)

On line via Zoom call

Time CEST	Topic	Speakers
<b>Welcome and registration</b>		
8.30-9.00	Registration and Welcome	Senior Surgeon, Dr. Sabina Magalini/ Universita Cattolica Sacro Cuore
9.00-9.10	Keynote Speech <i>"The role of Research and Innovation in responding to hybrid threats"</i>	Policy Officer, Mr. Giannis Skiadaresis/ DG HOME
9.10-9.20	Keynote Speech <i>"Innovations to foster pan-European security practitioners' response to hybrid threats"</i>	Head of Team, Mr. Gregory Mounier/ EUROPOL, Innovation Lab
9.20-9.30	Keynote Speech <i>"Hybrid threats and critical infrastructure protection"</i>	Head of International relations, Mr. Rasmus Hindrén/ The European Centre of Excellence for Countering Hybrid Threats (Hybrid CoE)
9.30-9.50	<i>Questions and discussion</i>	
<b>EU-HYBNET's latest findings and results</b>		
9.50-10.00	EU-HYBNET presents pan-European gaps and needs to counter hybrid threats	Senior Analyst, Mr. Maxime Lebrun/ Hybrid CoE
10.00-10.15	Innovations to counter hybrid threats	Senior Research & Innovation Manager, Dr. Souzanna Sofou/ Satways, Scientist, Mr. Okke Geurt Lucassen/ TNO
10.15-10.25	Innovation uptake and standardization activities	Research Associate, Alexios Koniaris/ KEMEA
10.25-10.40	<i>Questions and discussion</i>	
10.40-11.00	<b>Leg stretch break</b>	
<b>Pitches - Innovation and ideas to counter hybrid threats by organizations and projects</b>		
11.00-11.10	<i>Resilience Methodological Framework for Cascading cyber-physical Threats on Multiple Critical Infrastructure Modes</i>	Mr. Lorcan Connolly/ Research Driven Solutions Limited
11.10-11.20	<i>HENSOLDT Analytics OSINT System</i>	Ms Victoria Toriser/ HENSOLDT

11.20-11.30	<i>Resilience Tool incl. Risk Radar</i>	Dr Somik Chakravarty/ European Risk & Resilience Institute
11.30-11.40	<i>Smart Navigator</i>	Mr. Hasan Suzen/HybridCore
11.40-11.50	<i>NORDLAB Concept</i>	Prof. Odd-Jarl Borch/ NORD University
11.50-12.00	<i>Defalsif-AI Forensics Platform</i>	Mr. Martin Boyer/ Austrian Institute of Technology GMBH
12.00-12.10	<i>Disinformation Data Space</i>	Mr. Daniel Fritz/ European External Action Service, Strategic Communication division
12.10-12.15	<i>Questions and discussion</i> Moderator: EU-HYBNET Innovation Manager Isto Mattila/ Laurea	
12.15-13.00	<b>Lunch Break</b>	
<b>EU-HYBNET Network activities and Innovations from other projects</b>		
13.00-13.10	Artificial Intelligence Roadmap for Policing and Law Enforcement (ALIGNER) -project	Mr. Kai Pervözl/ Fraunhofer-IAIS
13.10-13.20	Safety and Security Standards of Space Systems, ground Segments and Satellite data assets, via prevention, detection, response and mitigation of physical and cyber threats (7SHIELDS) -project	The Coordinator Gabriele Giunta/ Engineering
13.20-13.30	Preparedness and Resilience Enforcement for Critical Infrastructure Cascading Cyber physical Threats and effects with focus on district or regional protection (PRECINCT) -project	Mr. Stefan Schauer/ Austrian Institute of Technology GMBH
13.30-13.40	Mediterranean practitioners' network capacity building for effective response to emerging security challenges (MEDEA) –project	The Coordinator George Kokkinis/ Centre for Security Studies KEMEA
13.40-13.50	EU-HYBNET Network today and core activities	EU-HYBNET Network Manager Jari Räsänen/ Laurea
13.50-14.10	<i>Questions and discussion</i> Moderator: Senior Surgeon, Dr. Sabina Magalini/ Università Cattolica Sacro Cuore	
14.10-14.30	Closing remarks and wrap-up	Senior Surgeon, Dr. Sabina Magalini/ Università Cattolica Sacro Cuore  EU-HYBNET Coordinator Päivi Mattila/ Laurea

### **Giannis Skiadaresis**

Giannis Skiadaresis is the Thematic Coordinator for Infrastructure Resilience in Unit B4 – Innovation and Security Research at DG HOME in European Commission. Giannis holds an MA in EU International Relations and Diplomacy, from the College of Europe in Bruges where he was a laureate of ENP-EU scholarship awarded by the European Commission. He has also graduated from the Executive Leadership programme of Harvard Kennedy School and from the Strategic Innovation Programme of University of Oxford. He has worked in the Cabinet of Commissioner Avramopoulos on Migration, Home affairs and Citizenship and in other DG HOME units. His experience also includes security and defence policy analysis and management on EU-funded Projects.

### **Gregory Mounier**

Gregory Mounier is Head of Outreach at the European Cybercrime Centre (EC3) of Europol - the European Law Enforcement Agency - where he works on internet governance and on EC3's engagement with the private sector. Gregory holds a PhD in Politics and IR and a MA in European politics and administration from the College of Europe. He worked as a policy advisor in the office of the Director of Europol and then as the team leader of the External and Strategic Affairs unit of Europol. He was in charge of cybercrime policy, strategic cooperation with US Federal law enforcement agencies and the European Parliament. Previously, Gregory worked in Brussels, in Bosnia-Herzegovina, in Berlin and in the UK.

### **Rasmus Hindrén**

Rasmus Hindrén, is the head of International Relations at the European Centre of Excellence for Countering Hybrid Threats. Rasmus was previously employed as the Deputy Head of Unit for Defence Cooperation at the Ministry of Defence of Finland. He has served as Defence Counsellor at the Embassy of Finland in Washington D.C., and as Defence Adviser at the Permanent Representation of Finland to the EU. He has also held several positions in the Ministry of Defence and the Ministry for Foreign Affairs, dealing with security policy, defense cooperation and planning, and has authored several articles on security and defence policy. Rasmus holds a master's degree in International Relations.

### **Päivi Mattila**

Dr. Päivi Mattila holds a position of Director of Security Research Program at Laurea University of Applied Sciences (Finland), and she is responsible for quality and growth and strategic goals of security RD activities. Dr. Mattila is the coordinator of EU H2020 funded EU-HYBNET project. She is a Doctor of Philosophy (General History). Formerly she has worked as the head of the Project and Development Unit at the Crisis Management Centre Finland (CMC Finland) and in the Embassy of Finland in Tel Aviv and in the Finnish Institute in the Middle East alike in the Ministry for Foreign Affairs in Finland.

### **Sabina Magalini**

Senior Surgeon of the Emergency and Trauma Surgery Unit at the Fondazione Policlinico Universitario Gemelli (FPG) and Assistant Professor of Surgery at the Rome Catholic University School of Medicine (UCSC). She is also an Associate Researcher of the Italian National Council of Research (CNR-IASI); Fellow of the American College of Surgeon, of the American Association for the Surgery of Trauma and of the European Society for Trauma and Emergency Surgery (ESTES).

### **Maxime Lebrun**

Maxime Lebrun, Senior Analyst, Research and Analysis. Prior to taking up his post at the European Centre of Excellence for Countering Hybrid Threats, Maxime worked at the Baltic Defence College in

Tartu as a Lecturer in War and Conflict Studies and as Acting Department Director. During that time, he was also a Non-Resident Research Fellow at the International Centre for Defence and Security. Maxime holds a master's degree in International Relations from Sciences Po Lyon with a specialization in strategic, military and security studies from Sciences Po Aix-en-Provence.

### **Souzanna Sofou**

Dr. Souzanna Sofou is a Dipl. Mining and Metallurgical Engineer and a holder of an MBA in Engineering –Economic Systems. With respect to basic research, her Doctoral Thesis and most of her published research work fall in the fields of computational rheology, rheometry and polymer processing. She has worked in applied research FP7 & Horizon 2020 projects in various fields, including new product development, metallurgy, polymer processing, RET modelling, software development, value management and security. She also has background and experience in Intellectual Property, as she has received relevant training and has worked in this field as a Product Design Engineer for a multinational company.

### **Okke Geurt Lucassen**

Okke Geurt Lucassen is a scientist in the Defence, Safety and Security unit, part of the Netherlands Organisation for Applied Scientific Research (TNO). He is also the team coordinator of the Strategic Foresight Analysis team within this unit. Prior to joining TNO, Okke worked for the Dutch Ministry of Foreign Affairs with the Department for Security Policy, and has written academic research on EU/NATO-Russia relations with an emphasis on hybrid threats. Okke specializes in strategic defence (foresight) analysis, force development planning, hybrid threats, (C-)UAS, and intelligence.

### **Alexios Koniaris**

Alexios Koniaris holds a Bachelor's Degree in Economics and an MSc in Analysis, Design, Management of Information Systems. Alexios is a Research Associate at the Centre for Security Studies (KEMEA), of the Hellenic Ministry of Citizen Protection, and is involved in EU funded projects related to Border Security, Cyber Security and other Security related topics. His professional interests and experience include the areas of Business Development, Requests for Proposals, Project management and Requirements Analysis.

### **Jari Räsänen**

Jari Räsänen is a project expert at Laurea University of Applied Sciences and he is the network manager of the EU-HYBNET. He has specialized in air and maritime surveillance systems and information sharing environments during his thirty years' military service in Finnish Defence Forces. After his military service he has worked on several EU Horizon2020 funded security project in various positions at Laurea.

### **Odd Jarl Borch**

Odd Jarl Borch is a Professor of Strategy and Management at the Nord University Business School, Bodo, Norway, and a chair of societal safety and security at the University of the Arctic (UArctic). He received his M.Sc. from The Norwegian School of Economics and Business Administration in Bergen, Norway in 1979, and his PhD from Umea University in Sweden in 1990. He also has a Master Mariner education. Dr. Borch is conducting research within the field of organization and strategic management, with a special focus on societal safety and security and is the leader of NORDLAB- the Innovation Center within safety and emergency management at Nord university.

Mr. Lorcan Connolly is an Associate at Research Driven Solutions Ltd. He is a leading expert in Structural Health Monitoring, probabilistic assessment and resilience analysis of civil structures, having published extensively in peer reviewed journals and international conference proceedings on these subjects.

**Martin Boyer**

Martin Boyer has been working at AIT since 2011 as a Project Manager and Senior Research Engineer in the field of Sensing and Vision Solutions. His research interests lie in the areas of video analysis frameworks, SW architecture, code generation and VideoAnalytics-as-a-scalable-Service. His developments have been used in several projects, among others as a basis for video processing in EU projects (e.g. EU FP7 FastPass project, EU H2020 VICTORIA project) or national projects in security research (e.g. FLORIDA). Currently Martin is coordinator of the Austrian national security research project defalsif-AI focusing on multi-media forensic tools to assess credibility of text, image, video or audio material.

**Daniel Fritz**

Daniel Fritz is team leader and creator of the “Information Analysis, Open Source, and Data Strategy” Team at the EEAS’ division for strategic communications and the fight against disinformation. As a developer and former entrepreneur, he has over 10 years of experience building solutions by merging data, technology and politics with a particular focus on European affairs. He is currently working on a proposal for a common framework and methodology to collect systematic evidence on foreign information manipulation and interference (FIMI).

**Victoria Torisier**

Victoria is Business Development Manager at HENSOLDT Analytics successfully completed her law studies at the Karl-Franzens University in Graz, where she specialized in international relations and human rights while working as a research assistant at the European Law Institute. Subsequently, she deepened her studies on international relations at the University of Cambridge and an international student’s programme at the Sapienza University in Rome. After completing her education, she started working at the Security Policy Division at the Austrian Federal Ministry of Defence, where she contributed to the development of the Austrian approach to hybrid threats and gained expertise in strategic foresight, scenario management and strategy development. Victoria then worked for an Austrian consultancy at the “Strategy & Analysis” division supporting clients in the public and private sector in strategic foresight and strategic management. Victoria has served national and international clients and has been organizing international foresight workshop series for experts and students, among others. At HENSOLDT Analytics, Victoria is responsible for the European region and strategic partnerships as Business Development Manager.

**Hasan Suzen**

Hasan Suzen graduated from the National Defense University as a system engineer. He holds master’s degrees from the US Command and General Staff College and the University of Oklahoma in international affairs and security studies. Presently he is a Ph.D. researcher in computational political science at the University of Antwerp. His research focus is on the digitalization of geopolitics and great power competition employing disruptive technologies in the grey zone especially. Recently he has been honored with the EU grant for his contributions to the studies in hybrid intelligence-powered decision-making and he has conducted joint research at the New Jersey Institute of Technology. He

also gives lectures on the role of disruptive technologies in great power politics and business nexus; hybrid warfare; digitalization of conflict & war. He has had a prior professional background at NATO. Currently, he is President at Beyond the Horizon International Strategic Studies Group; and CEO at Hybrid Core BV, a recognized deep tech pioneer, which develops next-generation decision technology.

### **Aleksandar Jovanovic**

Prof. Dr. Aleksandar Jovanovic (MSc. ME, PhD), is the CEO of the Steinbeis EU-VRi. He has worked for industry, research, EU institutions and universities, in a number of different countries. His main contributions to risk research and advancement of the respective state-of-the-art have been related to (a) industrial risk projects, (b) academic research in the area of risk (especially emerging risks and resilience) and (c) European and international risk standardization. A. Jovanovic has a long-year professional experience as project manager of many large international industry “risk projects”, dealing with risk management, engineering risks, innovation risks, risk governance for new technologies, use of big data for risk analysis and related areas, etc. Main clients in these projects have been the EU, national governments (Norway, Belgium, Japan...), industry, utilities, insurances companies, R&D and academia. Main topics covered by the projects have dealt with risk management and include HSSE (Health, Safety, Security, Environment), RCM (Reliability Centered Maintenance), RBI (Risk-Based Inspection. Sample EU projects managed by him include iNTeg-Risk ([www.integrisk.eu-vri.eu](http://www.integrisk.eu-vri.eu), 19.3 million €, 80+ partners), SmartResilience (Resilience Indicators for critical infrastructures in Europe, [www.smartresilience.eu-vri.eu](http://www.smartresilience.eu-vri.eu)), or InfraStress (Improving resilience of sensitive industrial plants & infrastructures exposed to cyber-physical threats, by means an open testbed stress-testing system, [www.infrastress.eu](http://www.infrastress.eu)).

### **Somik Chakravarty**

Dr. Somik Chakravarty is the Chief Operation Officer at Steinbeis EU-VRi GmbH. He holds a doctorate from Sorbonne Universités - UTC in Process Engineering with a specialisation in the field of exposure assessment and airborne risk characterization of nanomaterials. He was awarded the Jean Bricard Prix 2019 and was nominated for the Prix de thèse Guy Deniérou 2019 for his PhD thesis. He is a mechanical engineer from the University of Sheffield with an MSc in Thermal power and fluids engineering from the University of Manchester in the UK. He has more than 8 years of research experience in the field of material science, computational mechanics, powder and aerosol technology and product/process risk analysis. He has managed more than 10 EU and other international projects during his time at Steinbeis EU-VRi.

His research interests include Digitalization in Industry 4.0, Cyber-security risk and resilience frameworks, process/product risk analysis, multi-criteria decision analysis and statistical methods in risk analysis.

### **Marjan Jelic**

Marjan Jelic is a software developer with more than 20 years of experience in web, application and back-end development. Since September 2016, he works as a CIO & IT Specialist and Support in the IT department of the Steinbeis EU-VRi in Stuttgart Germany. His responsibilities are software solutions (tools) in SmartResilience, InfraStress, cALIBRAte, ENCIRCLE, PANBioRA, SILICOFCM and AssureMOSS projects. Marjan Jelic holds a Bachelor of Science degree (B.Sc) in Computer Science from the University of Novi Sad (Faculty of Technical Science in Zrenjanin), Serbia.

### **Isto Mattila**

R&D Director of Laurea University of Applied Sciences, Isto Mattila, has wide working experience covering diverse assignments in different organisations national and international level. He is a Captain Navy, Finnish Border Guard. As from 2008 to 2014 he has worked for the European Commission, DG MARE. He was a second penholder for Maritime Security Strategy and designed new information sharing mechanism (CISE) between maritime authorities in EU, which is now hosted by EMSA. Today he is responsible for R&D activities, mainly in international scale at Laurea. He is also a project coordinator of the AI-ARC Horizon 2020 project, which aims to build information sharing and anomaly detection to Arctic stakeholders.

### **Kai Pervölz**

*Description to come.*

### **Gabriele Giunta**

He holds a degree in Computer Science, at the Engineering Department of the University of Palermo (Italy). He has been working in the Engineering Ingegneria Informatica S.p.A. R&D Lab since 2000 in multi-sector Italian and European research projects, playing several roles, such as solution designer, system architect, technical coordinator, and project manager. His main areas of interest and relevant expertise include Software Engineering, Software Architecture Design, Service Oriented Computing, System Integration, Complex Event Processing, Data Mining, Information Fusion, Human Computer Interaction, Knowledge Modeling and Representation, Business Process Modeling and Management. He has been involved as co-author of scientific papers in International Conferences, Journals and Books.

### **Stefan Schauer**

Working for the Austrian Institute of Technology (AIT) since 2005, Stefan Schauer is an experienced researcher in the fields of risk management and security in the Center for Digital Safety & Security. His research focus lies on risk management and risk assessment for critical infrastructures as well as the integration of security architectures for such organizations. In this context, Stefan Schauer is working on novel risk assessment methodologies and is looking into mathematical concepts for the identification and handling of cascading effects within an organization and among critical infrastructures on a national scale.

### **George Kokkinis**

Georgios Kokkinis (MSc, CEng) is a senior researcher – project manager, with more than 20 years of experience in the security field and in the telecoms industry. In his current assignment, at the Centre for Security Studies (KEMEA), of the Hellenic Ministry of Citizen Protection, George is coordinating MEDEA a H2020 research project and at the same time he participates in several securities (both physical and Cyber) research activities as Work Package and Task Leader. George is interested in the analysis of end user requirements, the formulation of capability gaps and policy recommendations stemming from lessons learned from security research, and the evaluation of research developments. Prior to his current position, George worked for Fortune-500 companies in international projects in Greece, the Balkans and in Israel.



More info and updates on the EU-HYBNET Annual Workshop at:



[euhybnet.eu](http://euhybnet.eu)



[EU-HYBNET](#) LinkedIn Group



[@EuHybnet](#)

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 *Annual Workshops will foster network activities, raise awareness of the project and bring together relevant practitioners and stakeholders who may join the EU-HYBNET network and its activities.*