EU-HYBNET
Innovation and Standardization Workshop
#ISW

15 JUNE

In the Hague and online

09.00-16.15 CEST

The purpose of ISW is to develop recommendations for activities regarding the development and implementation of most promising EU-HYBNET's identified four innovations to counter hybrid threats.

The EU-HYBNET consortium will hold its 1st Innovation Standardization Workshop (ISW) which will take place on 15 June 2022 in the Hague, the Netherlands!

The Innovation Standardization Workshop (ISW) focuses on EU-HYBNET's identified most promising technological and non-technological innovative solutions and tools to counter Hybrid Threats and their standardization landscape in two fields:

- Countering disinformation and fake news, increasing the level of media literacy and social resilience.
- Critical infrastructure protection and information sharing.

In the context of Hybrid Threats and focus areas of the ISW, participants will be split in two working groups aiming to formulate recommendations concerning standardization and present standards.

Who? The workshop is invitation based and open to project partners and network members. If interested in joining or wish to recommend an expert in the ISW area to join, please contact the organisers.

When? 15th of June 2022 at 09.00-16.15 CEST

Where? The Babylon Hotel Den Haag, Bezuidenhoutseweg 53, 2594 AC, the Hague, Netherlands

Links for accepted online participants will be provided few days before the event.

More information: Event organizer at PPHS: Bartłomiej Ostrowski bartlomiej.ostrowski@ppbw.pl.

Workshop format

The 1st ISW will start with keynote speeches held live in the Hague and live-streamed to participants attending digitally.

Two parallel working groups will be organised live in the Hague and livestreamed for online participants:

- WG1. on "Standardization measures in the context of critical infrastructure protection and innovations to enhance information sharing" will focus on standardization experts and pan-European security practitioners' views on present standards, needs and possibilities for standardization in the future noticing the challenges deriving form hybrid threats.

- WG2. on "Innovations in disinformation and media literacy" is dedicated on standardization best practices and innovative solutions answering security practitioners' needs to counter information manipulation and interference, disinformation and media literacy.

The working groups will begin with keynote speeches and presentations and will also include hosted discussion between the speakers and other workshop participants, as well as comments from on-line participants.

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In the context of Hybrid Threats and focus areas of the ISW, the WGs aim to formulate recommendations concerning standardization and present standards. Their goal is also to support EU-HYBNET's most promising proposed innovations uptake for pan-European security practitioners to counter Hybrid Threats.

Agenda

08:00 –09:00	Registration
	Plenary session *Room: Lange Voorhout*
09:00 – 09:15	**Opening of the workshop** **Dr. Päivi Mattila,** Director of Security Research Program & EU-HYBNET Project Coordinator, Laurea University of Applied Sciences, Finland **Mr. Rashel Talukder,** Managing Director of the Polish Platform for Homeland Security, Poland
09:15 – 09:30	**Keynote speech: Countering Russian disinformation during the war against Ukraine** **MS Maria Avdeeva,** Research Director at the European Expert Association, Kharkiv – Ukraine
09:30 – 09:45	**Keynote speech "Standardization Landscape and Critical Infrastructure Protection"** **Prof. Dr. Aleksandar Jovanović,** Chief Executive Officer Steinbeis European Risk & Resilience Institute
09:45 – 10:00	*Questions & Answers session* Moderator: Mr. Isto Mattila, EU-HYBNET Innovation Manager, Laurea University of Applied Sciences, Finland
10:00 – 10:30	Coffee break

	Parallel Working Group Sessions - Keynote Speeches and Introduction to the Standardization Measure and Needs	
10:30 – 12:30	**Standardization in the scope of Hybrid Threats and Critical Infrastructure Protection** **Room:** *Lange Noord-Einde*	**Innovations in disinformation and media literacy** **Room:** *Lange Voorhout*
	Focus: Standardization in the context of Hybrid Threats and Critical Infrastructure Protection and innovations to enhance information sharing **Moderator:** *Mr. Isto Mattila, EU-HYBNET Innovation Manager, Laurea University of Applied Sciences*	Focus: Debunking of fake news, Training application for media literacy, Guides to identify fakes news. *Moderator: Mr. Bartek Ostrowski, Senior Project Officer, Polish Platform for Homeland Security*

	10:30-10:50 Hybrid Threats and Critical Infrastructure - EU policy framework and JRC support • Dr. Monica Cardarilli, Project Officer, Joint Research Centre **10:50-11:10 EU-HYBNET's Identified CI Innovation for Uptake** • Dr. Rolf Blom, Senior Expert, Research Institutes of Sweden • Mr. Isto Mattila, EU-HYBNET Innovation Manager, Laurea **11:10-11:30 Present standards, needs and possibilities for standardization in the future noticing the challenges deriving form hybrid threats** • Prof. Dr., Chief Executive Officer Aleksandar Jovanović, EU-Vri - Steinbeis European Risk & Resilience Institute **11:30-12:30 Panel discussion focusing on previous presentations and focus of the WG** • Dr. Evita Agrafioti, R&D Project Manager at Gap Analysis SA and External Expert at ERNCIP • Mr. George Karagiannis, Deputy Secretary General for Civil Protection in Greece, PhD CEM • Dr. Aikaterini Poustourli, Standardisation Expert, Member of EURAS	**10:30-10:50 Anti-disinformation campaigns as the element of building social resilience - case study** • LTC Tomasz Gergelewicz, Academic Centre for Strategic Communication, Poland **10:50-11:10 Innovation in the fight against disinformation** • Mr. Daniel Fritz, European External Action Service (EEAS) **11:10-11:30 [Title TBD]** • Ms. Emma Goodman, European Digital Media Observatory **11:30-11:50 Artificial Intelligence's impact on disinformation: generating and combating deepfakes** • Prof. Aleksandra Przegalinska - Associate Professor and Vice-President of Kozminski University **11:50-12:10 Use of media literacy to increase cognitive resilience, based on the results of the research in Estonia, Lithuania, Latvia, Georgia, Moldova and Ukraine in 2021-2022** • Dr. Solvita Denisa-Liepniece, Baltic Centre for Media Excellence, Latvia **12:10-12:30 Countering disinformation and the Finnish best practices of increasing media literacy** • Ms. Liisa Talonpoika, Ambassador for Hybrid Affairs at the Ministry for Foreign Affairs of Finland
12:30 – 13:30	Lunch break	

13:30 – 15:30	Parallel Working Group Sessions - Keynote Speeches and Introduction to the Standardization Measure and Needs	
	Standardization in the scope of Hybrid Threats and Critical Infrastructure Protection Room: *Lange Noord-Einde*	**Innovations in disinformation and media literacy** Room: *Lange Voorhout*

	Moderator: *Mr. Isto Mattila, EU-HYBNET Innovation Manager, Laurea University of Applied Sciences* **13:30-14:00 Insights from EU-HYBNET Critical Infrastructure and security practitioners to standardization** • General Engineer Yves Rougier, French Ministry for an Ecological and Solidarity Transition • Prof. Stefan Pickl, Bundeswher Universität **14:00-14:45 Standardization Framework and Best Practices in the Innovation Uptake Enhancing Information Sharing between CI Entities pan-European Wide. Organizations and experts and projects in the field** • Mr. Frederic Guyomard, Research Engineer and Project Director of "Protection of Critical Infrastructures from Advanced Combined Cyber and Physical Threats" (PRAETORIAN) project • Mr. Leslie Gale, Marketing and Business Development Manager at Space Applications Services NV/SADr, "Safety and Security Standards of Space Systems, ground Segments and Satellite data assets, via prevention, detection, response and mitigation of physical and cyber threats" (7SHIELD) **14:45-15:30 Concluding discussion with Session Participants – "Way forward"**	**Moderator:** *Mr. Bartek Ostrowski, Senior Project Officer, Polish Platform for Homeland Security* **13:30-14:45 Discussion:** *Standards for the uptake of innovative products, services and solutions. Cooperation of institutions from various sectors on countering disinformation and fake news. Instruments to support raising the level of media literacy, with a special focus on senior, youth and socially disadvantaged groups of the society.* **14:45-15:30 Concluding discussion with Session Participants – "Way forward"**
Plenary session ***Room:*** *Lange Voorhout*	
15:30 – 16:00	**Summary of the two parallel sessions** Working Group Moderators	
16:00–16:15	**Closing Remarks** **Dr. Päivi Mattila,** Director of Security Research Program & EU-HYBNET Project Coordinator, Laurea University of Applied Sciences, Finland **Mr. Rashel Talukder,** Managing Director of the Polish Platform for Homeland Security, Poland	

Speaker bios

Evita Agrafioti

Dr Evita Agrafioti is an engineering consultant and R&D Project Manager with Gap Analysis S.A. Her expertise spans across the fields of security, safety, risk and resilience management, emergency planning, as well as environmental engineering for the energy and other critical infrastructure sectors. She has managed several EU projects on critical infrastructure and public spaces protection, and she has overseen numerous risk and vulnerability assessment studies. Dr Agrafioti has been engaged as an external expert in the European Reference Network for Critical Infrastructure Protection (ERNCIP). She has served as an academic instructor on environmental engineering topics in the Technical University of Crete while she has published several scientific briefings including research articles, book chapters, conference presentations and a co-edited book.

Maria Avdeeva

Maria Avdeeva is the Research Director at the European Expert Association. She focuses on international security, cooperation of Ukraine with the EU and NATO in combating hybrid threats and emerging security challenges. She analyses information operations, efforts to counter disinformation, and threats to democracy. Author and instructor of a course on Information Security, conducted as part of a National Security Course. iSANS expert, OSCE Project Coordinator in Ukraine national Cybersecurity Expert.

Rolf Blom

Rolf has since 2011 worked as a project leader and senior researcher in the Cybersecurity unit at RISE. Before that he held an Expert position in Mobile Communications Security at Ericsson Research. Rolf has been active in OMA and 3GPP security standardization and has contributed to security standardization in the IETF. He has also been involved in different EU projects, e.g. SHAMAN on 3G security, SEGRID on smart grid security and 5G-ENSURE on security for 5G. Rolf holds a M.Sc. (1972) in Electrical Engineering from the Royal Institute of Technology in Stockholm and a Ph.D. (1979) in Information Theory from Linköping University.

Monica Cardarilli

Dr. Monica Cardarilli is a Project Officer at the European Commission's Joint Research Centre. She provides scientific support to European Commission Services and Member States by conducting research on threat mitigation and security aspects for critical infrastructure protection and resilience. Within the EU-HYBNET project, she facilitates common understanding and raises the awareness of relevant authorities around the issue of hybrid threats, supporting research and innovation activities to counter them.

Daniel Fritz

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).

Leslie Gale

Leslie Gale, responsible for Standardisation, strategy and policy-planning actions in 7SHIELD. He is since 2016 a Marketing & Business Development Manager with Space Applications Services with specific responsibility for business strategy and the company's involvement in Earth Observation Systems and solutions for space exploration. By profession an Aeronautical Engineer (University of Salford, UK) Leslie has more than 30 years' experience managing international consortia in European Space Agency, the EU and commercial projects involved in science programmes and commercial services for environmental monitoring, weather forecasting and ice management in the Oil & Gas industry. Interest and involvement in cyber/physical threats stems from the need to operate securely ground segments from both the operational as well as the business perspective.

Tomasz Gergelewicz

LTC Tomasz Gergelewicz holds a position of senior expert in the Academic Centre for Strategic Communication at War Studies University (Poland) and he is responsible for international cooperation with state and non-state partners in the area of StratCom. He also works on creating anti-disinformation solutions including social campaigns and proactive communication tools.

Frédéric Guyomard

Frédéric Guyomard is an expert research engineer at EDF R&D (EDF-Lab Paris-Saclay) and has been working for 18 years in the field of computer and digital security. He specialises in the security and evaluation of industrial environments and has participated in several large-scale projects, both for the renovation of installations and in the concerns of new projects for the EDF group (smart-meter, nuclear, distribution, monitoring, renewable energy, smart-charging, etc.). He is currently the Director of the European H2020 project "PRAETORIAN", a consortium of 23 partners in 7 EU countries, dealing with the combined cyber and physical threat to Critical Infrastructures in Europe. He is also a member of the EXERA association within the Cybersecurity Technical Committee, member of ECSO and ENCS, as well as author of the Cybersecurity research roadmap for EDF Lab. He is particularly interested in the security of industrial and critical facilities, the analysis of threats on the digital domain and the potential impacts of the realisation of these threats.

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. As a "risk practitioner", A. Jovanovic has contributed to the global risk community by a number of actions, such as the convener and the main author of the European standards CEN-CWA 15740 ("RBI"), EN16991:2018 ("RBIF – Risk-Based Inspection Framework") and CEN-CWA 16449:2013 ("Management on New Technologies-

Related Risks"). Currently he is the convener of the group developing ISO 31050 ("Guidance for managing emerging risks for enhanced resilience", 2018-2021).

George Karagiannis

George Karagiannis is Greece's Deputy Secretary-General for Civil Protection. From 2016 to 2019, he was a Technical Officer at the European Commission Joint Research Center, where his area of expertise revolved around emergency management, critical infrastructure protection and hybrid threats. Prior to joining the Joint Research Center, he was a Disaster Management Consultant. He has worked in four countries, developed two strategic national risk assessments, helped organize over 60 exercises, developed a dozen emergency operations plans and responded to disasters in the field. He also was a Research Scientist at the Technical University of Crete in Greece, where his interdisciplinary research lay at the intersection of systems engineering and disaster resilience. George earned his Doctorate in Environmental Science and Engineering from Saint-Etienne School of Mines in France. He also holds degrees in Civil Engineering, Disaster Management and Business Administration, and is a Certified Emergency Manager by the International Association of Emergency Managers.

Solvita Denisa-Liepniece

Dr. Solvita Denisa-Liepniece is a Media literacy adviser at the Baltic Centre for Media Excellence. She is also a Visiting Scholar at New York University, Jordan Centre for Advanced Study on Russia (2021-2022) and an Assistant Professor at Vidzeme University of Applied Sciences (Latvia). Previously, she was an Associate Research Scholar at Yale University (Juris Pageds Visiting Fellow 2020). Dr. Denisa-Liepniece also served as a country expert for several international organizations focusing on information resilience in the Baltic States. She completed her Ph.D. at the University of Antwerp with a thesis on political communication in post-Soviet Belarus. Her research interests are strategic political communication, intercultural communication, and information resilience. In addition to academic activities, Dr. Denisa-Liepniece has also had a career in journalism and worked for Public Broadcasting of Latvia.

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.

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.

Stefan Pickl

Professor Stefan Wolfgang Pickl is the Chair for Operations Research in the Department of Computer Science at University of Federal Armed Forces (Bundeswehr) in Munich, Germany. He is also the Director of COMTESSA (Core Competence Center C3 for Operations Research, Management - Tenacity - Excellence, Safety and Security ALLIANCE). He is also the Chair of the Advisory Board of the German Society for Operations Research (GOR), Vice-Director of the GOR working group "Simulation and Optimization of Complex Systems" and Vice-President of the German Committee for Disaster Management. Professor Pickl studied mathematics, electrical engineering (with a focus on complex system analysis) and philosophy at the TU Darmstadt and EPFL Lausanne.

Aikaterini Poustourli

Dr. Aikaterini POUSTOURLI is a Scientific/Technical Officer of the International Hellenic University. She has worked as Security Standardization Expert and Project/Policy Officer for the European Commission's DG Joint Research Center European Reference Network for Critical Infrastructures Protection and in DG HOME B4 Innovation and Security Research Unit. As Liaison representative of the Satways Ltd Liaison organization of the STRATEGY project, she is contributing and supporting the consortium to deliver 11 CWAs and 2 TSs which fall within the scope of eight different streams of the crisis management cycle. She is a member of national, European and international standardization Technical Committees and of H2020 consortia advisory boards'. Aikaterini has an extensive publication record. She is an evangelist for the use of standards as a foundation for trade, building capacities, sustainable development and resilience to natural and man-made hazards. She is a vocal advocate of holistic and transdisciplinary approaches in research & innovation, standardization, administration and policy-making.

Aleksandra Przegalinska

Associate Professor and Vice-President of Kozminski University, responsible for International Relations and ESR as well as Senior Research Associate at the Harvard Labour and Worklife Program. Aleksandra received her Ph.D. in the field of philosophy of artificial intelligence at the Institute of Philosophy of the University of Warsaw. Aleksandra is the head of the Human-Machine Interaction Research Centre at Kozminski University and the Leader of the AI in Management Program. Until recently, she conducted post-doctoral research at the Center for Collective Intelligence at the Massachusetts Institute of Technology in Boston. She graduated from The New School for Social Research in New York. In 2021 Aleksandra joined the American Institute for Economic Rese as Visiting Research Fellow. She is interested in the future of work seen through the lens of emerging technologies, as well as in natural language processing, humanoid artificial intelligence, social robots, and wearable technologies.

Yves Rougier

Yves Rougier has graduated from Ecole Polytechnique, Ecole Nationale supérieure de techniques avancées and has a PhD in Micromechanics. He began his career in the French Naval Procurement being responsible for vessels and submarines signatures. He then spent three years in Bonn building European cooperation in the beginning of OCCAr. He joined the Ministry of Transport in mid-2008, being in charge of the security of transport critical infrastructure and transport security. After the Madrid and London attacks, he was hired to develop a strategy to protect the Paris transport system

from a terrorist bombing. Since July 2018, he is in charge of the Planning and Crisis Management Department. He is personally involved on the subjects linked to terrorism and emerging threats as hybrid threat.

Liisa Talonpoika

Liisa Talonpoika is since September 2021 the Ambassador for Hybrid Affairs at the Ministry for Foreign Affairs of Finland. She has previously served as the Ambassador of Finland to Sweden and to the Kingdom of Netherlands. She has also served as the Director General of the Department for Europe at the MFA and worked at the Prime Minister's Office and EU Secretariat as a Counsellor. Ms Talonpoika joined the Foreign Service in 1989. She holds a Master's degree in Economics from Åbo Akademi.
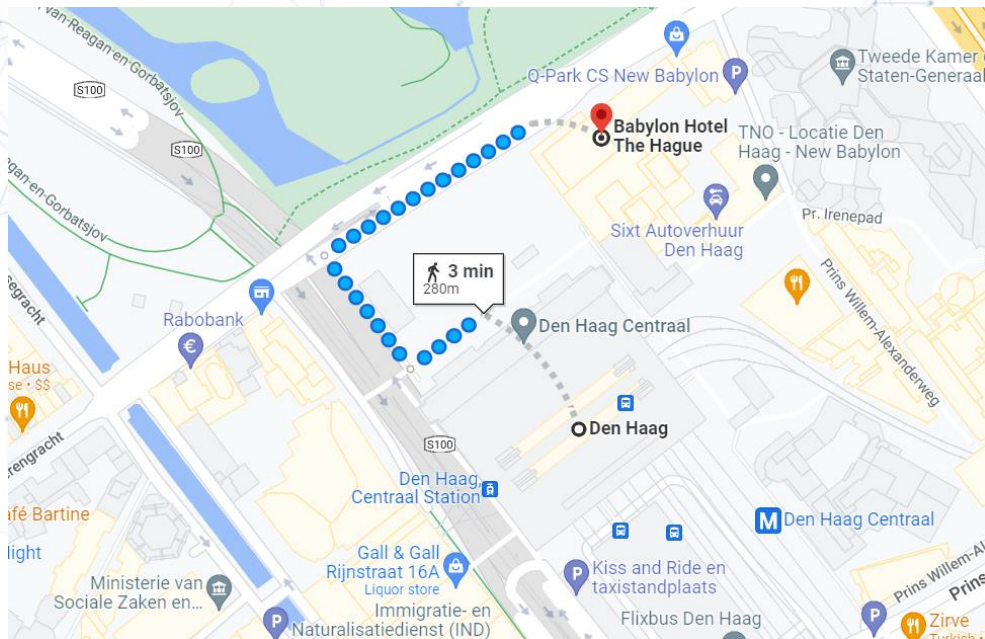
Practical information

VENUE

The ISW will be held at the **Babylon Hotel Den Haag**, at Bezuidenhoutseweg 53, 2594 AC Den Haag, Netherlands (location).

Please follow the signs for the EU-HYBNET ISW 2022 meetings.

The Babylon Hotel is only a couple of minutes away from the Hague Central Station. You can find the exact directions to access the venue from the station below and here:

All participants are welcome to contact the Babylon Hotel about accommodation options.

LEISURE & NETWORKING

Before the ISW, on the evening of 14 June 2022 around 18.00, a networking event, including foods and drinks, will take place at **MingleMush Foodhall Den Haag** at Anna van Buerenplein 712, 2595 BH Den Haag, Netherlands – a walking distance from the Babylon Hotel (location).

A space has been reserved for the EU-HYBNET IKEW & ISW events. All participants are welcome to join **at own cost**. Registration is **not** needed.

Additional information about the city of the Hague can be found here.

More info and updates on the 1st #ISW at:

euhybnet.eu

EU-HYBNET LinkedIn Group

@EuHybnet

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Don't forget to use the Innovation and Standardisation Workshop hashtag: #ISW2022