



## SHARING AND AUTOMATION FOR PRIVACY PRESERVING ATTACK NEUTRALIZATION



Horizon 2020  
European Union Funding  
for Research & Innovation

Grant Agreement No. 833418

<b>Meeting Subject</b>	<b>Final SAPPAN event</b>
<b>Venue</b>	<b>Online (Zoom)</b>
<b>Date</b>	<b>Monday 4.04.2022 14:00-16:30 (CEST)</b>
<b>Partners</b>	Fraunhofer FIT, F-Secure, CESNET, RWTH University, HPE Ireland Masaryk University, Dreamlab Technologies, University of Stuttgart

It is our utmost pleasure to invite you to the **"Final SAPPAN event"**. SAPPAN is a Horizon 2020 project funded by the European Commission to enable efficient protection of modern ICT infrastructures via advanced data acquisition, threat analysis, visualisation, and privacy-aware sharing and distribution of threat intelligence aimed to dynamically support human operators in incident management. We are also very happy to introduce our keynote speaker Mikko Hyppönen (<https://mikko.com/>), who will give a talk on "STATE OF THE NET", followed by presentations about selected key results of SAPPAN.

The event will take place **virtually (Zoom)** on **Monday 4.04.2022, 14:00 - 16:30 (CEST)**. We are looking forward to your participation.

### Event Agenda:

Time	Subject	Speaker
14:00-14:05	Welcome	Fraunhofer FIT
14:05-14:35	Keynote: State of the NET	Mikko Hyppönen (F-Secure)
14:35- 15:00	Sharing New Type of Threat Intelligence and SAPPAN Standardisation Efforts	Martin Zadnik (CESNET)
15:00-15:25	SAPPAN Innovations in DGA Detection	Arthur Drichel (RWTH University), Hugo Hromic (HPE Ireland)
15:25-15:35	Coffee Break	--
15:35 - 16:00	Response Recommendation and Automation	David Karpuk (F-Secure), Martin Laštovička (Masaryk University), Mischa Obrecht (Dreamlab Technologies)
16:00 - 16:25	Opportunities for Visualisation Support in CyberSecurity	Robert Rapp, Franziska Becker (University of Stuttgart)
16:25- 16:30	Wrap Up	--

## Meeting Details:

Meeting link: <https://cesnet.zoom.us/j/98176996869>

Topic: Final SAPPAN event

Time: Apr 4, 2022 02:00 PM Prague Bratislava

Join Zoom Meeting

<https://cesnet.zoom.us/j/98176996869>

Meeting ID: 981 7699 6869

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Dial by your location

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Meeting ID: 981 7699 6869

Find your local number: <https://cesnet.zoom.us/u/adGtIUSKZF>

## About Speakers:

### Keynote speaker:



Mikko Hypponen is a global security expert. He has worked at F-Secure since 1991.

Mr. Hypponen has written on his research for the New York Times, Wired and Scientific American and he appears frequently on international TV. He has lectured at the universities of Stanford, Oxford and Cambridge.

He was selected among the 50 most important people on the web by the PC World magazine and was included in the FP Global 100 Thinkers list.

Mr. Hypponen sits in the advisory boards of t2 and Social Safeguard.

## Technical speakers:



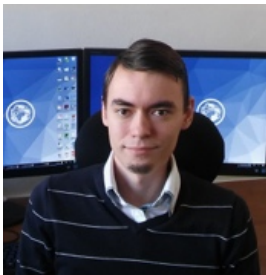
### **Franziska Becker, Researcher**

Franziska studied cognitive science and computer science at the University of Osnabrück before joining the visualization institute (VIS) at the University of Stuttgart as a PhD. Her main research topics include visualization for explainable artificial intelligence as well as sensemaking and decision making with visualization.



### **Arthur Drichel, Researcher**

Arthur Drichel received the B.Sc. and M.Sc. degrees in Computer Science from RWTH Aachen University. He is a researcher at the Research Group IT-Security at RWTH Aachen University. His research interests lie primarily in the areas of intrusion detection systems, machine learning, and privacy enhancing technologies.



### **Martin Laštovička, Head of the cybersecurity operations group**

Martin Laštovička obtained his Ph.D. in Informatics at the Faculty of Informatics, Masaryk University, Czech Republic, and currently works as the head of the cybersecurity operations group in CSIRT-MU. His research topic lies in network traffic analysis and practical applications of machine learning to build Cyber Situational Awareness through the identification of network entities and their relationships. His focus is to apply research outputs to real-world data and enhance operations of the CSIRT-MU team.



### **Robert Rapp, Researcher**

Robert Rapp is a PhD Student at the Visualisation and Interactive Systems Institute (VIS) at the University of Stuttgart. After graduating with a degree in business informatics, he started his research in visual cyber analytics. As part of the Horizon 2020 project EU: SAPPAN his current work focuses on visual analysis of endpoint sensor data and analytical provenance in web interfaces.



### **Martin Zadnik, Network cybersecurity researcher**

Martin Zadnik is a deputy leader at the department of tools for network security and administration at CESNET a.l.e. He has been a project leader in many national and contributor to many European projects related to network security, cyber threat intelligence, and network monitoring at high speeds. He cooperates with both public and commercial sectors in research and innovation of network cybersecurity concepts and their implementation into open-source tools or products.



### **David Karpuk, Senior Data Scientist**

Dr. David Karpuk is Senior Data Scientist at F-Secure, focusing on applications of machine learning and artificial intelligence to the construction of algorithms for cyberattack detection and response systems. He received his Ph.D. in Mathematics from the University of Maryland, College Park in 2012, and was previously a Postdoctoral Researcher at Aalto University in the Algebra, Number Theory, and Applications research group in the Department of Mathematics and Systems Analysis. After his postdoctoral work, he subsequently served as Assistant Professor in the Department of Mathematics at Universidad de los Andes, Colombia. David was previously the recipient of an Academy of Finland Postdoctoral Researcher grant, as well as a Postdoctoral Researcher grant from the Magnus Ehrnrooth Foundation.