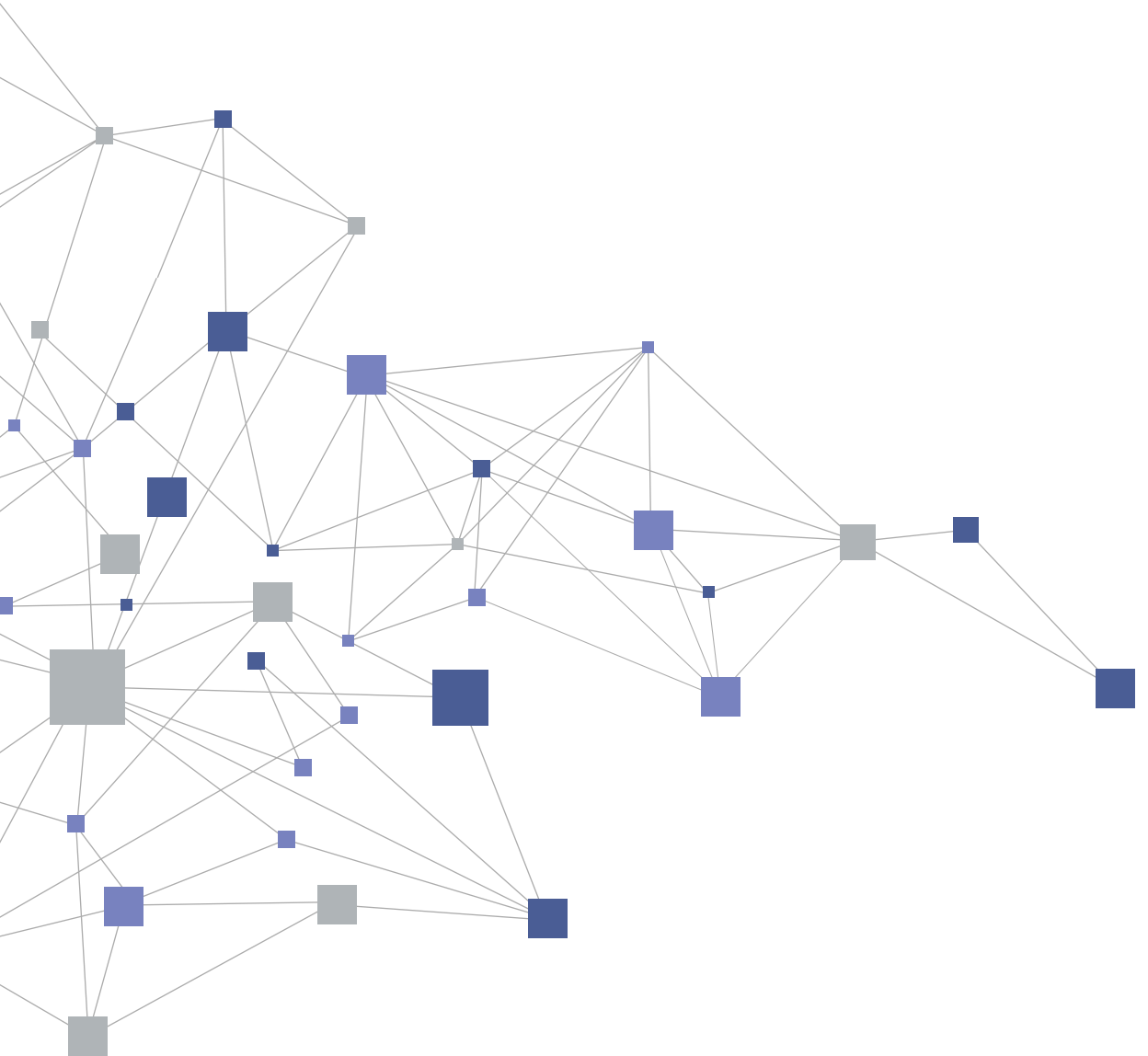


Potsdamer Konferenz für  
**Nationale  
CyberSicherheit**



WLAN



# WELCOME

Dear Participants,

Welcome to the Hasso Plattner Institute for Digital Engineering in Potsdam. We are delighted to have you with us at the Potsdam Conference on National CyberSecurity.

Cybersecurity is one of the most pressing issues in digitalization. According to Bitkom, 84 percent of companies become victims of cybercrime during the course of a year, and 45 percent of companies see their continued existence at risk in the event of an attack. The damage caused by cybercrime in Germany has almost doubled within a few years reaching 203 billion euros.

Russia's war of aggression against Ukraine has also led to a turning point in cyberspace: the conflicts of the future will be hybrid and the armament and militarization of cyberspace will continue to increase. At the same time, the lines between criminals and state cyber actors are blurring. The collateral damage from the cyberattacks in the Ukraine war, which was also felt in Germany, and the attacks on our infrastructure have shown us how vulnerable our networked IT systems and infrastructures are and how important it is to strongly promote digital security and sovereignty in Germany and Europe.

We can only meet these challenges facing our society together. Along with experts and decision-makers, we would like to talk about urgent topics and developments in the complex field of cybersecurity over the next two days of the conference, discuss novel approaches, and provide new impetus for political debate.

We look forward to sharing ideas with you,



**Prof. Dr. Ralf Herbrich**  
Managing Director  
Hasso Plattner Institute



**Prof. Dr. Christian Dörr**  
Leader Research Group  
Cybersecurity - Enterprise Security

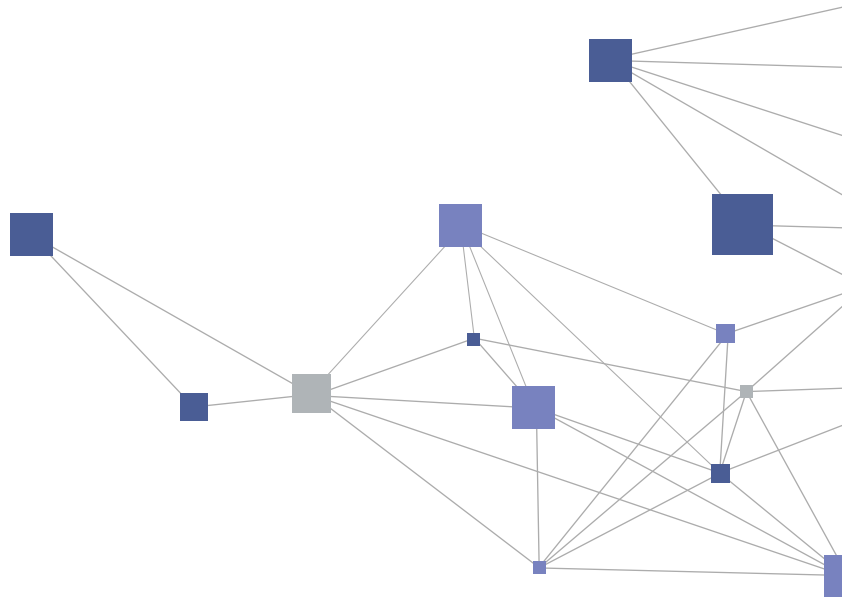
# THE HASSO PLATTNER INSTITUTE

The Hasso Plattner Institute (HPI) in Potsdam is Germany's university excellence center for digital engineering. With the bachelor's degree "IT Systems Engineering," the joint digital engineering faculty of HPI and the University of Potsdam offers a degree program in computer science which, with its practical and engineering-oriented emphasis, is unique throughout Germany. Around 800 students are presently enrolled in the program.

Anyone who has successfully completed a bachelor's degree in IT Systems Engineering or an equivalent course of study can apply for various master's programs at HPI. These offer the opportunity to explore a subfield of computer science in depth and in a research-oriented manner, and to work closely with renowned scientists and external partners. There are five specialization areas and master's programs to choose from at HPI:

- **IT-Systems Engineering:** The degree program concentrates on the work-sharing processes of development as well as the distribution and use of complex software systems.
- **Data Engineering:** The master's program is concerned with the collection, processing, merging and analysis of complex amounts of data – the so-called Big Data, and their processing in IT systems.
- **Cybersecurity:** The focus here is on the research and development of security techniques, methods and strategies to ensure secure data processing and the secure operation of complex IT infrastructures.
- **Digital Health:** The interdisciplinary, English-language master's program is directed toward students with a computer science or medical background who want to advance the healthcare system through the targeted use of new IT technologies.
- **Software Systems Engineering:** The English-language master's program deals with the concerns, concepts, methods, techniques and processes for the planning, analysis and development of complex IT and data systems. It targets those who want to deepen their knowledge in the state-of-the-art, specialist areas of computer science.

HPI consistently occupies top positions in the CHE university rankings. The HPI School of Design Thinking, Europe's first innovation school for students based on the Stanford d.school model, offers 400 places every year for a supplementary study program. Currently, 22 professors work at HPI, with over 50 additional guest professors and lecturers making up the staff. HPI conducts excellent university research in its IT departments in Potsdam and in the HPI Research Schools for doctoral students in Cape Town, Irvine, Haifa and Nanjing. HPI teaching and research focus on the foundations and applications of large, highly complex and networked IT systems. Additionally, research and development is carried out on user-oriented innovations for all areas of life.



# CYBERSECURITY@HPI

The topic of cybersecurity is becoming increasingly important with advancing networking and society's growing dependence on digital technologies. The protection of digital systems is more important than ever in view of the growing amount of data generated every day.

Since 2019, HPI has been offering the master's program "Cybersecurity." The focus is on researching and developing security strategies, methods, and techniques for monitoring and protecting complex IT infrastructures. Whether the issue involves the characteristics of different attacker types, cryptographic algorithms, or data protection aspects, the program deals primarily with practical problems and is characterized by engineering-oriented IT security solutions.

## Digital Credentials

In 2018, leading international universities came together to jointly promote the digitization of educational certificates. As a founding member, HPI is actively involved in this endeavor with the Massachusetts Institute of Technology (USA) and 12 other members.



For more information, see:  
[digitalcredentials.mit.edu](https://digitalcredentials.mit.edu)

Building on projects and research from participating institutions, we are creating a technology infrastructure for academic credentials that can offer new opportunities for participation in education and industry. In this context, HPI is also working together with the Technical University of Munich (TUM) and the German Academic Exchange Service (DAAD) on a project funded by the Federal Ministry of Education and Research (BMBF) for digital educational certificates for universities (DiBiHo).



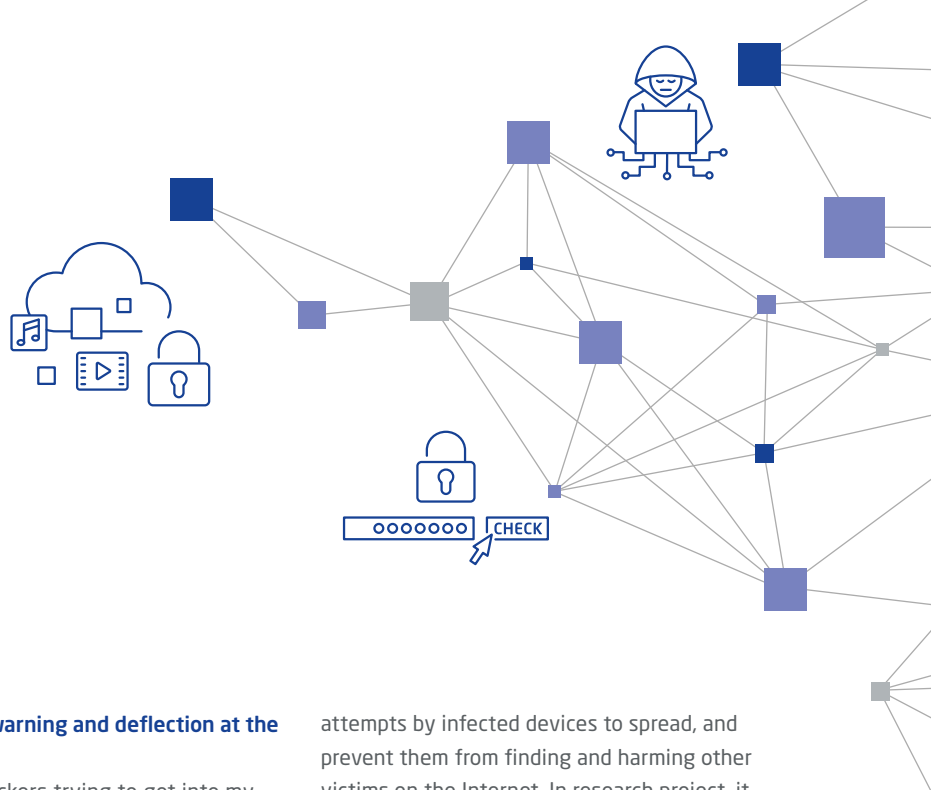
Please find further information at:  
[www.it.tum.de/en/it/dibiho/](https://www.it.tum.de/en/it/dibiho/)

## Data-Driven Security Lab

The successful cooperation with Bundesdruckerei in the context of the "Secure Identity Lab" has been ongoing since last year in the "Data-Driven Security Lab." Focus is mainly on the topics of security, traceability, governance, and the data protection of artificial intelligence in the context of cybersecurity, as well as continued research into technologies for secure identities. For example, researchers investigate techniques for the data-driven generation of knowledge about unknown threats and incidents in large organizations. In this regard, innovative access systems are being actively researched in the field of behavior-based authentication. These include smart door handles that recognize legitimate users based on recognition of the movement of the door handle or the pressure applied to it.

## Security Analytics

Although many companies operate Security Operation Centers (SOCs), not all use state-of-the-art data science/engineering for their activities, such as threat detection. In collaboration with our partners SAP, Shell, Deutsche Telekom (T-Labs), T-Systems International, and Siemens, we explore new data-driven approaches to security operations to advance the field and work to combat lesser known and advanced threats.



### **Alvarium: Early warning and deflection at the click of a button**

Who are the attackers trying to get into my organization and how are they doing it? While this information is important for an effective defense, it is complicated to collect. Honeypots offer a way of early attack detection, but they are rarely used in practice – and what if the attackers break out of this system?

HPI's Alvarium project can help here. With just a few clicks, companies and private individuals can put together a sham system in the web browser. The spectrum of possibilities ranges from simple, vulnerable systems to the provision of real, industrial control systems. While incoming attackers assume company interaction, inquiries are redirected to a protected environment at HPI and evaluated there. In this way, no damage can occur locally and users receive tailor-made reports on the activities against their organization by comparing them with other global measuring points. The research platform is open to interested companies and educational institutions.

### **Tarpitting - A new approach to combating malware?**

For many years, malware has proliferated within the unsecured devices of the Internet of Things, and DDoS attacks have succeeded in disrupting even major Internet service providers. Previous attempts at containment via awareness campaigns or the establishment of security standards for manufacturers have not achieved the desired success.

Since IoT malware is usually self-propagating, HPI scientists have developed an alternative approach to contain this Internet threat, which does not require the cooperation of users or manufacturers. The tarpits trap and impede

attempts by infected devices to spread, and prevent them from finding and harming other victims on the Internet. In research project, it could be proven that just one such tarpit can reduce the propagation speed of malware, such as Mirai, by more than 20% worldwide. Self-spreading malware can be contained with the help of several thousand tarpits without any measurable, adverse effects occurring on the compromised router or the internet.

### **Defense against resilient malware**

Cyber criminals are increasingly controlling attacks and botnets from the blockchain. This is also the case with the malware Pony, which has been active in different variations since 2011 and represents one of the greatest threats worldwide when it comes to theft of personal data. In a detailed study, HPI researchers succeeded in observing a group of cyber criminals over 12 months, to document their behavior and technical developments. They recorded how the group of cyber criminals implemented adjustments and refinements to take over the Bitcoin control. For a few weeks, they even managed to completely take over the large botnet.

Wednesday, April 19, 2023

09:00

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## Welcome and Introduction

### Prof. Dr. Ralf Herbrich

Hasso Plattner Institute (HPI). Managing Director

### Dr. Markus Grünewald

Ministry of the Interior and for Municipal Affairs (MIK). Secretary of State

### Prof. Dr. Christian Dörr

HPI. Cybersecurity-Enterprise Security

09:30

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## Dr. Gerhard Schabhüser

Vice President of the Federal Office for Information Security (BSI)

09:45

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## Cybersecurity and Digital Sovereignty

### Panel moderation:

#### Prof. Dr. Christian Dörr

HPI. Cybersecurity-Enterprise Security

#### Matthias Assel

Thales. Director R&D

#### Andreas Könen

Federal Ministry of the Interior and Community (BMI). Director General Cyber and Information Security

#### Jörg Kremer

Föderale IT-Kooperation (FITKO). President

#### Klaus Lenssen

Cisco Deutschland. CSO

#### Georges Welz

Delos Cloud. CEO

10:45

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## Coffee break (press conference)

11:15

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## Holger Münch

President of the Bundeskriminalamt (BKA)

11:30

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## Spotlight Talk: The new Cyber Threat Landscape after the Zeitenwende

### John Engates

Cloudflare. Field CTO

11:40

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## The Cyber Security Situation in Germany

### Panel moderation: Heinz Kreuter

Wirtschaftsforum der SPD. Member of the Bureau

#### Sabine Griebesch

GovThings. Managing Director

#### Dr. Sven Herpig

Stiftung Neue Verantwortung. Head of Cybersecurity Policy and Resilience

#### Timo Keim

ESG. Senior Intelligence Expert

#### Dr. Stefan Pütz

Deutsche Telekom AG. CISO

#### Frank Rieger

Chaos Computer Club. Speaker

12:30

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## Lunch break



# 13:30

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## Major General Wolfgang Wien

Vice President of the Bundesnachrichtendienst (BND)

# 13:45

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## Protection of Critical Infrastructures and Industry 4.0

**Panel moderation: Dr. Tim Stuchtey**  
Brandenburg Institute for Society and Security (BIGS). Executive Director

**Mike Hart**  
Google. Head of Mandiant Western Europe

**Marian Rachow**  
Rohde & Schwarz Cybersecurity. CEO

**Prof. Dr. Christian Rossow**  
CISPA Helmholtz Center for Information Security. Faculty

**Miriam Schnürer**  
Bundesverband Kritische Infrastrukturen. Member of the Board

**Hiltrud Dorothea Werner**  
Wirtschaftsforum der SPD. Member of the enlarged Bureau

**Dr. Patrick Wittenberg**  
Westnetz. CEO

# 14:45

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## Johann Saathoff

Parliamentary State Secretary to the Federal Minister of the Interior and Community (BMI)

# 15:00

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## Wilfried Karl

President of the Central Office for Information Technology in the Security Sector (ZITiS)

# 15:15

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## Supply Chain Security

**Panel moderation: Johannes Steger**  
Tagesspiegel Background Cybersecurity. Chief Editor

**Jörg-Alexander Albrecht**  
VMware Deutschland. Director Government Affairs

**Andreas Bogk**  
Stadler Rail AG. CISO

**Kay Euler**  
OneFiber Interconnect Germany. Managing Director

**Dr. Michael Lemke**  
Huawei Technologies Deutschland. CSO

**Prof. Dr. Michael Waidner**  
Fraunhofer Institute for Secure Information Technology. Director

# 16:15

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## Coffee break

# 16:45

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## Sinan Selen

Vice-President of the Bundesamt für Verfassungsschutz

Wednesday, April 19

17:00

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## Staff Awareness - Best Practices

**Panel moderation: Dr. Michael Littger**  
Deutschland sicher im Netz e.V.  
Managing Director

**Nicola Appel**  
Deutsche Bahn. Cybersecurity  
Awareness & Communications

**Marc Fliehe**  
TÜV Association. Head of Digitalization  
and Education

**Marc Lindike**  
Security Evangelist

**Dr. Stefan Saatmann**  
Siemens. Global Coordinator  
Cybersecurity Policy

**Prof. Dr. Martina Angela Sasse**  
Ruhr University Bochum. Chair of  
Human-Centred Security

17:45

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## HPI GovTech Student Award

Building Trust in Digitalized Government

18:00

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## Reception & Dinner Speech Siemtje Möller

Parliamentary State Secretary at the  
Federal Minister of Defence

Thursday, April 20, 2023

09:00

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## Welcome

**Prof. Dr. Christian Dörr**  
Hasso Plattner Institute (HPI).  
Cybersecurity-Enterprise Security

**Major General Jürgen Setzer**  
Bundeswehr Command CIR. CISO of the  
Bundeswehr

## Spotlight Talk: Survivor Bias – don't bring a Knife to a Gunfight!

**Dr. Pascal van Overloop**  
Microsoft Deutschland. Industry Advisor  
Defense & Intelligence

09:30

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## Cyberwar - War Scenario of the Future

**Panel moderation:**  
**Prof. Dr. Christian Dörr**  
HPI. Cybersecurity-Enterprise Security

**Dr. Regine Grienberger**  
Federal Foreign Office. Ambassador for  
Cyber Foreign Policy

**Roderich Kiesewetter, MdB**  
CDU Parliamentary Group in the German  
Bundestag

**Prof. Dr. Sönke Neitzel**  
University of Potsdam. Chair of War  
Studies

**Major General Jürgen Setzer**  
Bundeswehr Command CIR. CISO of the  
Bundeswehr

**Dr. Pascal van Overloop**  
Microsoft Deutschland. Industry Advisor  
Defense & Intelligence

**Dr. Martin C. Wolff**  
International Clausewitz Centre (ICZ)  
at the Bundeswehr Command and Staff  
College

# 10:30

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**Coffee break**

# 11:00

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**Spotlight Talk: Information War and Fake News**

**Florian Flade**

Journalist (WDR, NDR, Süddeutsche Zeitung)

# 11:15

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**Cooperation between Politics, Industry and Science**

**Panel moderation: Teresa Ritter**

GovTech Campus Deutschland.  
Senior Associate

**Prof. Dr. Claudia Eckert**

Fraunhofer Institute for Applied and Integrated Security AISEC. Managing Director

**Markus Hartmann**

Central Cybercrime Department of North Rhine-Westphalia (ZAC NRW). Chief Prosecutor

**Prof. Dr. Christian Hummert**

Agentur für Innovation in der Cybersicherheit. Research Director

**Prof. Dr.-Ing. Ina Schieferdecker**

Federal Ministry of Education and Research (BMBWF). Director General for Research for Technological Sovereignty and Innovation

**Hartfrid Wolff**

Federal Ministry for Digital and Transport (BMDV). Director General Communication

# 12:15

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**Closing remarks**

**Prof. Dr. Ralf Herbrich**

HPI. Managing Director

**Prof. Dr. Christian Dörr**

HPI. Cybersecurity-Enterprise Security

# 12:30

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**Luncheon**

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**End of the event**

# THE IDENTITY LEAK CHECKER FROM THE HASSO PLATTNER INSTITUTE

Whether one has been the victim of data theft is easy to verify with the Identity Leak Checker, an online security check from HPI. Since 2014, Internet users have been able to have their e-mail address checked free of charge at <https://sec.hpi.de/ilc> to see whether their identity data is circulating freely on the Internet and could be compromised. Security researchers enable users comparison with more than 13 billion identity data that has been stolen and is available on the Internet. The security check focuses on leaks that affect domestic users and, as such, is an offer that is unique in this form in Germany.

Over the past five years, a total of more than 17.4 million users have had the security of their data checked via the Identity Leak Checker. In more than 4.6 million cases, users were informed that their e-mail address was openly accessible in connection with other personal data on the Internet.

## **Special offer for companies and organizations: Identity Leak Checker Desktop Client**

The Identity Leak Checker Desktop Client is a fee-based offer for companies and organizations and supports them in the continuous monitoring of their own domain. If new data leaks are imported into the ILC, the desktop client automatically checks whether e-mail addresses in the monitored domain are affected. The affected e-mail addresses can then be alerted immediately.



Further information on the offer may be found at: <https://sec.hpi.de/ilc>

“The security of a password increases exponentially with its length. With 15 characters, it would take a machine guessing a billion passwords per second more than seven million years – a situation no longer feasible for attackers.”



**Prof. Dr. Christian Dörr**  
Leader Research Group  
Cybersecurity - Enterprise Security

Nutzerkonten

13.092.809.772

Leaks

1.767

Geleakte Accounts pro Tag

1.532.576

### Wurden Ihre Identitätsdaten ausspioniert?

Täglich werden persönliche Identitätsdaten durch kriminelle Cyberangriffe erbeutet. Ein Großteil der gestohlenen Angaben wird anschließend in Internet-Datenbanken veröffentlicht und dient als Grundlage für weitere illegale Handlungen.

Mit dem HPI Identity Leak Checker können Sie mithilfe Ihrer E-Mailadresse prüfen, ob Ihre persönlichen Identitätsdaten bereits im Internet veröffentlicht wurden. Per Datenabgleich wird kontrolliert, ob Ihre E-Mailadresse in Verbindung mit anderen persönlichen Daten (z.B. Telefonnummer, Geburtsdatum oder Adresse) im Internet offengelegt wurde und missbraucht werden könnte.



*Die von Ihnen eingegebene E-Mail-Adresse wird lediglich zur Suche in unserer Datenbank und das anschließende Versenden einer Benachrichtigungs-E-Mail benutzt. Sie wird von uns in verschleierter Form gespeichert, um Sie vor E-Mail-Spam zu schützen. Die Weitergabe an Dritte ist dabei ausgeschlossen.*

# openHPI: UNIVERSITY KNOWLEDGE FOR EVERYONE IN DIGITAL FORM

One of the revolutionary achievements of digitization is being able to make knowledge globally available. With its own global online education platform openHPI, HPI is playing a pioneering role in doing just that. Since 2012, we have been offering free knowledge on IT and innovation topics on openHPI in German and in English. Professors, students or partners lead the courses. The platform now boasts nearly 1.2 million course enrollments from learners in 180 countries.

The wide range of so-called Massive Open Online Courses, or MOOCs for short, is aimed at interested people of all ages and skill levels who want to better understand and help shape the digital world and its associated innovations. During the course, participants concern themselves with the learning content independently, regardless of location and at flexible times, watch instructional videos, complete self-tests, do homework and test their knowledge in exams. Everyone is networked via a discussion forum in which learners can exchange ideas, ask questions, and encourage and support each other. The exchange in the forums creates the virtual learning communities that are vital for learning success, and which promote exchange and collaborative learning.



“The new digital technologies are changing the way we work and live, how we communicate and educate ourselves. It is therefore of critical importance to take all of society with us in this development, and with openHPI to give them the necessary knowledge and tools to actively help shape this new world.”

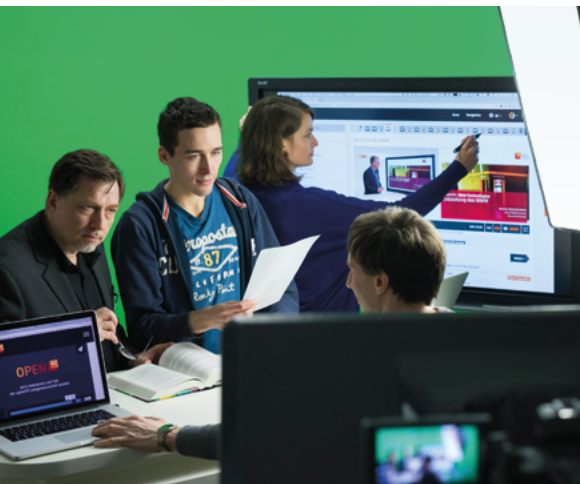
**Prof. Dr. Christoph Meinel**  
Leader Internet Technologies and Systems  
Department

HPI awards various certificates for successfully completed online courses.

Our partners also use the cloud platform developed at HPI for openHPI. During the coronavirus pandemic, the World Health Organization was able to use OpenWHO to train millions of employees around the world. With openSAP, SAP was the first company to take advantages of the benefits of its own MOOC platform to provide training and extended education for interested parties and employees. In addition, HPI technology is used at the eGov campus, as well as at the KI campus, which is funded by the Federal Ministry of Education and Research with the intention of improving the public's skills in the field of artificial intelligence.



All information about the courses offered on openHPI can be found at: <https://open.hpi.de>

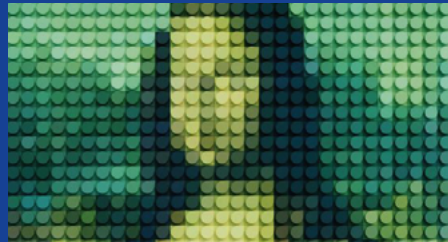


# openHPI - A COURSE SELECTION



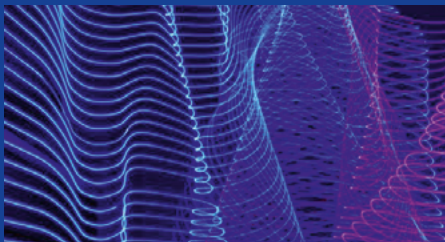
## **AI and Data Quality - Perspectives from Data Science, Ethics, Standardization and Law**

Without data there is no artificial intelligence. Machine learning uses large amounts of data to train AI models. One of the biggest challenges when using socially acceptable AI is the provision of sufficient, but particularly high-quality training data. In the “AI and Data Quality” course, experts from the fields of computer science, law, ethics, and standardization report on these diverse aspects of data in the context of artificial intelligence.



## **Compliance Management - The Implementation of the Whistleblower Directive**

German companies and organizations are called on to implement the EU Whistleblower Directive by the end of the year to avoid risking severe penalties. The EU directive has been in force since 2019. According to this law, employees must have the opportunity to report violations and grievances in their organization without being harmed themselves, e. g. through bullying or job loss.



## **Digital Future Technologies - AI, Internet of Things, Blockchain**

This course provides participants with in-depth insights into three groundbreaking technologies which - when used together - have the potential for massive societal transformation: blockchain, the Internet of Things (IoT) and artificial intelligence (AI).



## **Knowledge Graphs - Foundations and Applications**

Although it affects our lives every day, most of us have no idea what a knowledge graph is. When we ask Alexa about tomorrow’s weather or search for the latest news on climate change via Google, knowledge graphs serve as the backbone of today’s state-of-the-art information systems. Additionally, knowledge graphs could enable us to explain, evaluate, and justify information generated by Deep Learning models, such as Chat-GPT. The applications of knowledge graphs are manifold, ranging from improving search results to question answering, recommender systems, and explainable AI systems. In summary, the objective of this course is to provide a comprehensive overview of knowledge graphs, their underlying technologies, and their significance in today’s digital world.



# HPI KNOWLEDGE PODCAST NEULAND

In the monthly HPI knowledge podcast Neuland, HPI experts talk about digital developments and trends, and about the opportunities and risks of digitization. Each of the more than 60 episodes is dedicated to a socially relevant topic. For instance, the focus may be on the importance and risks of artificial intelligence, or cyber security and security measures, or on more energy-efficient digitization or digital education.

**“Ethics and Artificial Intelligence (AI)”**

**“Innovation with Design Thinking”**



**“Quantum computing simply explained”**

**“How sensors help detect obsessive-compulsive disorder”**

**“Cyber security: How well is Germany protected?”**

**“What is ailing digitization in healthcare?”**



Alle Podcastfolgen von Neuland finden Sie unter: <https://podcast.hpi.de>



**Leon Stebe**  
Podcast host and radio journalist

“With our podcast we make the latest HPI research audible. From cyber security to artificial intelligence; from digital health to design thinking. Our podcast offers the opportunity to easily find out the latest on digital developments at any time.”

# HACKHPI 2023: CYBERSECURE SOLUTIONS FOR PUBLIC ADMINISTRATION

Every year, HPI students invite around 100 external students with programming experience to Potsdam for a special hackathon. At the HackHPI, they work together for two days and one night in different teams on tasks given to them by changing sponsors from business or public institutions. This year, the HackHPI took place immediately before the Potsdam Conference for National CyberSecurity. The theme: "Building Trust in Digital State" The digital solutions and results of the hackathon will be presented by the teams on the first day of the conference.

We spoke to Benedikt Helfrich in advance about the organisation of the HackHPI, the schedule and this year's main topic. Benedikt Helfrich is 25 years old and a bachelor's student in IT-Systems Engineering at HPI. In 2023, he is already involved in HackHPI for the third time alongside his studies and is organising the two-day hackathon with fellow students.

## **Who is HackHPI aimed at? Who can take part?**

The Hackathon is aimed at students from all fields who have already gained some programming experience and enjoy working in teams on technical challenges. We place a lot of emphasis on teamwork and creativity when selecting participants, because that's what HackHPI is all about.

## **How is HackHPI structured? What is the goal of the Hackathon?**

The HackHPI was launched in 2016 by a few HPI students. Since then, the organisation has been passed on. The event is anchored at the HPI School of Entrepreneurship.

For us as the organising team, it is important that all participants can work

on exciting and relevant challenges in a pleasant atmosphere, learn something and get to know each other. In order to be able to offer exciting challenges, we look for energetic sponsors in advance, with whom we work out these together. Often they are based on data or the systems of the sponsors.

## **So you hack for a good cause? Hacked systems are actually associated with problems.**

The term hackathon is somewhat misleading because it's practically never about actual hacking. It's more about coming up with a solution to a challenge, creating a first prototype and presenting it to the other participants and the jury at the end of the event. The teams' ideas can then help



“Hackathons are, in my eyes, one of the best ways to get young people to engage with relevant social issues and present creative ideas for solutions.”

**Benedikt Helfrich**  
HPI bachelor student,  
Organizer HackHPI

the sponsors in product development and as a proof of concept. There are also teams that continue to pursue their idea from the hackathon after the event.

**Why did you choose the theme “Building Trust in Digital State” for the Potsdam Conference on National Cyber Security? Why is this topic so important?**

We actually chose the theme independently of the Security Conference. This year, we wanted a topic whose relevance the participants are aware of and which directly affects everyone. For a digital and functioning state, the security of systems is paramount, as the numerous attacks on the digital infrastructure have shown us. This year,

we want to show the public sector how quickly and creatively students can tackle and solve problems. Hackathons are, in my eyes, one of the best ways to get young people to engage with relevant social issues and present creative ideas for solutions.”

**What do you personally enjoy most about HackHPI?**

I really enjoy organising with our great group, from acquiring sponsors to running the event. But the best thing is the feeling when I talk to participants and realise how much they enjoy the HackHPI and what exciting new people they have met.

## PARTNER



Bechtle, as Germany's largest IT systems house with 85 locations and IT trading companies in 14 countries across Europe, is particularly concerned with providing professional cyber defense for its customers. We support you comprehensively from prevention, detection, initiating countermeasures, to forensics. Our portfolio includes IT security, cloud security, application security, data protection & information technology, infrastructure & perimeter security, and data center security. We are a qualified APT response service provider according to §3 BSIg.



BWI GmbH is an IT systems house and digitalization partner of the Bundeswehr. 100% owned by the federal government, it ensures the stable and secure operation of the Bundeswehr's IT system in both civilian and increasingly operational areas. Tailored to the needs of its customers, it drives innovative IT solutions, strengthens digital sovereignty, and supports digital defense capability.



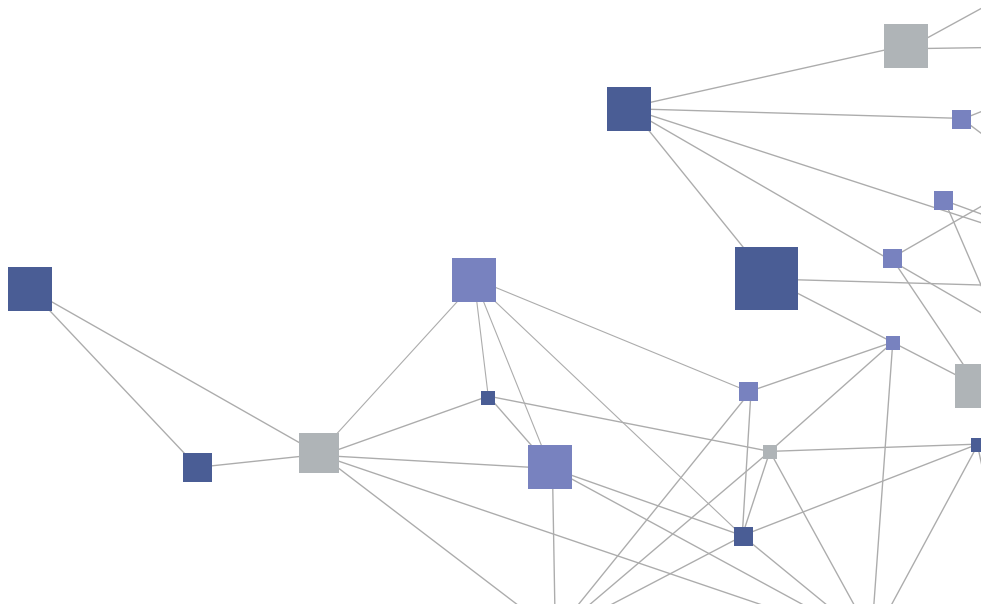
Cisco securely connect people, data, processes and things - driving innovation that benefits business and society. In this way, Cisco helps companies, public authorities and other organisations to exploit the opportunities of digitalisation. To do this, Cisco develops and sells network-related products and solutions, i.e. network infrastructures, cyber security, data centre equipment, video communication solutions, cloud/software and services.

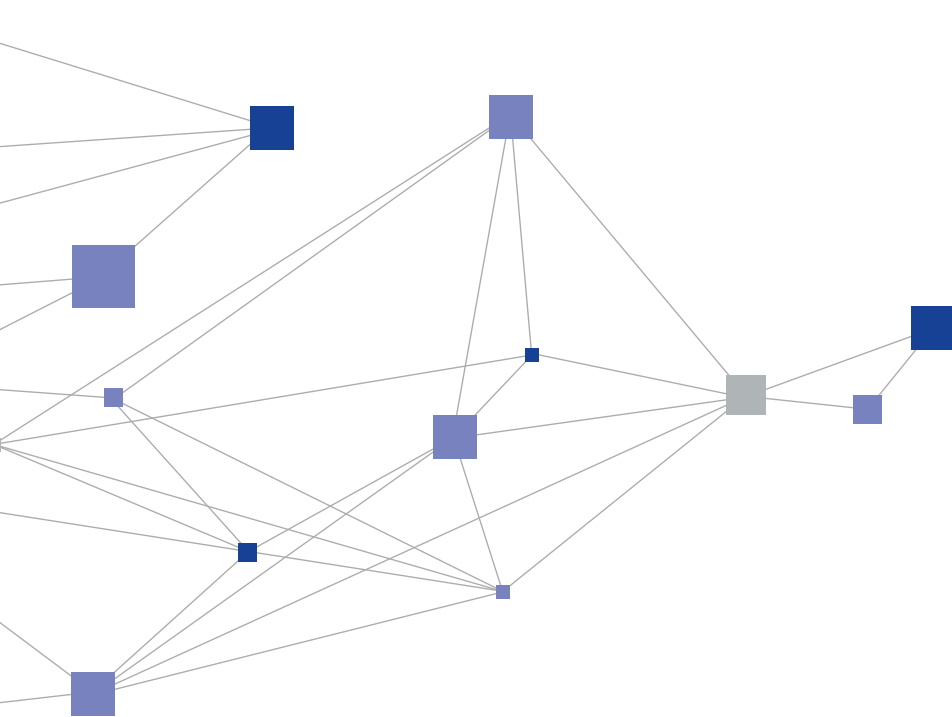


Cloudflare offers cloud-based software services worldwide that help make the Internet overall safer, more private, and more powerful. To make cybersecurity accessible to as many users as possible, we offer our most popular products in a free basic version. We use our intelligent network, which spans over 285 cities in more than 100 countries, to scan data traffic for cybersecurity risks and cache content at the network edge to improve transmission performance. In addition, we help organizations secure their internal processes and protect their employees with our Zero-Trust solutions, and operate a developer platform for creating and hosting web applications. More than 20% of all websites worldwide, from small webshops and government agencies to international corporations, use our services.



With around 1,500 employees and currently around 300 million euros in revenue, ESG is an independent German technology and innovation partner for the development, manufacturing, integration, maintenance, support, and operation of complex, security-relevant systems, mission equipment, software, and IT for military, authorities, and businesses. ESG also proactively supports its customers in coping with the growing challenges posed by hybrid threats.





Google's mission is to organize the world's information and make it universally accessible and useful. With products such as Google Search, Maps, Gmail, Chrome, Pixel smartphones and watches, or platforms like YouTube, Google plays an important role in the daily lives of billions of people. In Germany, Google has been present since 2001 and now employs over 2,500 people at its four locations in Hamburg, Berlin, Munich, and Frankfurt. Together with local partners, Google Germany is working on numerous digitization projects, such as education, commerce, infrastructure, climate, or data protection. In the Google Safety Engineering Center (GSEC) in Munich, Google develops privacy applications for users worldwide. And with communication solutions and green cloud regions, Google supports companies in Germany in their digital transformation. Google is a subsidiary of Alphabet Inc.



Huawei is a leading provider of information technology and telecommunications solutions (ITK) worldwide. Huawei operates in more than 170 countries and employs over 197,000 employees, including around 105,000 in research and development. Directly or indirectly, more than one-third of the world's population and more than half of the German population use Huawei technology.



When your technologies advance the world, you bear a responsibility to build and apply them in ways that drive progress for everyone. That's why we're here at Microsoft—to empower every person on the planet to achieve more. We're passionate about making technology accessible, so that the thinkers and doers in this world can collaborate to solve its most complex problems. We're passionate about building platforms and creating tools that every person and organization on the planet can use and share. In every industry, community, country, and region. We stand with the good side of tech. The kind that powers a more inclusive and sustainable future for all, as the growth of every organization connects with the wellbeing of earth and its 8 billion people.

**ROHDE & SCHWARZ**



Rohde & Schwarz Cybersecurity provides customers with special security and certification requirements protection against cyber threats. The pioneer of high-security encryption technologies delivers high-speed network encryption and zero-trust-based endpoint security. Most products are approved by the BSI for securing classified information up to VS-NfD level. These trusted security solutions support our customers on their journey to a secure and digitized world.



SAP is one of the world's leading providers of software for managing business processes and develops solutions that facilitate the effective processing of data and the flow of information in companies. Through a global network of customers, partners, employees and thought leaders, SAP improves the way the world does business and the way people live.



Thales Germany, based in Ditzingen, employs around 2,000 people at nine locations with its own production and development. In 2022, Thales Germany achieved a turnover of around 500 million euros. As a recognized part of the German high-tech industry, Thales offers its customers highly secure reconnaissance, radar, communication, information and control systems, as well as services for safe land, air and sea traffic. In addition, Thales has a comprehensive portfolio of IT solutions for cybersecurity.



Telekom Security is a managed security provider offering highly effective and professional security measures for protection against cyber attacks. With over 25 years of experience, the independent company under the umbrella of Deutsche Telekom AG is the market leader in the DACH region. As part of its broad portfolio, Telekom Security offers digital security from a single source.



VMware is a leading provider of multi-cloud services for all applications, enabling digital innovation while enabling business transformation. With VMware Cross-Cloud™ services and our global partner ecosystem, we offer the smartest way to modernise cloud, edge and apps. Customers gain multi-cloud autonomy and consistent operations while enabling a more secure, frictionless experience for their distributed workforce.

A trusted foundation for accelerating innovation, VMware gives businesses the freedom and flexibility they need to shape their future.



WFBB is the central point of contact for investors, entrepreneurs, and technology-oriented startups in the state of Brandenburg, Germany. The aim of the cluster management within WFBB is to network business and science in such a way that the innovation capacity and competitiveness of companies are strengthened. Together with other stakeholders in the cluster, they are driving strategic development in the areas of digital transformation, Green Deal, transport and energy transition, as well as eHealth and innovative healthcare concepts.



The Business Forum of the SPD e.V. is an independent entrepreneurial professional association. Alongside the Social Democrats, the association primarily promotes dialogue with social democratic representatives in parliaments, governments, and party organizations in the federal states, countries, and Europe. Its members come from all sectors, reflecting the diverse, unique, and successful economic location of Germany. The Business Forum of the SPD advocates for intensive exchange and new forms of collaboration between business and politics, and organizes dialogues between the respective representatives.

Media partner

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Tagesspiegel Background Cybersecurity is the daily specialist briefing on the topics of cybercrime, IT security measures and regulation. The highly networked editorial team of experts provides readers with an overview of current developments and shows best-practice examples of how companies and institutions from politics, business, science and administration are protecting themselves against the increasing threat from cyberspace.

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