



# Swiss Cyber Storm 2016

## International IT Security Conference

19<sup>st</sup> October 2016  
KKL Lucerne, Switzerland

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## WELCOME TO SWISS CYBER STORM 2016



**Dr. Christian Folini**

Program Chair, Swiss Cyber Storm

We all know that complexity is the enemy of security, yet the internet is getting more complex all the time. It is also growing at tremendous speed with new smartphones, routers, video recorders, webcams, cars, watches, fridges and even toasters getting connected every second.

It doesn't take much imagination to see the problems created by this development. But it does take a lot of reflection, discussion and collaboration to find solutions to these issues.

At Swiss Cyber Storm, we share key ideas with you to ignite fruitful discussions and inspire new adventures in IT. We have worked hard to assemble an exciting program for you with awesome presentations, bringing together some of the best speakers on a variety of cyber-topics, from some of the most promising voices in technology -- all in one place, for one day.

This is going to be exciting! Enjoy!

	Track 1	Track 2
08:30	<b>Registration</b>	
09:00	Dr. Bernhard Tellenbach President, Swiss Cyber Storm <b>Welcome</b>	
09:10	Troy Hunt Microsoft MVP, Pluralsight author <b>Lessons from Billions of Breached Records</b>	
09:55	Herbert Bos Professor and leader of the VUsec Systems Security research group <b>Exploiting Software Without Bugs</b>	
10:40	<b>Coffee Break</b>	
11:10	Mr. Robert Randall IT-Security Engineer & Consultant, terreActive <b>The Cyber Kill Chain: Use it to Protect Yourself - Knowing the Limitations!</b>	Mrs. Andrea Klaes CISO, Sulzer Management AG <b>Logfile Analysis: Actions Leave Traces - Know What to Look For</b>
11:35	John Matherly Founder of Shodan, Shodan <b>CH Compared to the World</b>	Mark Barwinski Cybersecurity Director, PwC <b>Cross-border Hunting of Sophisticated Threat Actors in Enterprise Networks – Challenges and Success Factors</b>
12:20	Nick Galbreath CTO and Founder Signal Sciences <b>Engineering Software for Resilience</b>	Walter Belgers Owner and COO Madison Gurkha, President TOOOL <b>Lockpicking and IT Security</b>
13:00	<b>Lunch</b>	
14:00	Scott Helme Information Security Consultant, blogger, builder of things <b>*** SECRET TOPIC ***</b>	Riccardo Sibillia Cyber Threat Analysis, FUB <b>Benefits of Participating in NATO Locked Shield Exercises - Management Perspective</b>
14:45	Mazin Ahmed Professional Bounty Hunter <b>Bounty Hunting in Sudan and Abroad</b>	David Rosenthal Counsel, Co-head IT practice, Homburger AG <b>Important EU-Cyber Regulations Switzerland Must Apply Until 2018</b>
15:30	<b>Turbo Talk</b> <b>Academy &amp; Research</b>	<b>Turbo Talk</b> <b>Academy &amp; Research</b>
15:50	<b>Coffee Break</b>	
16:10	Marc Ruef Member of the Board, scip AG <b>Darknet Investigations</b>	
16:55	Raoul Chiesa Founding Partner and President, Security Brokers <b>Cyber Threats: What Vendors Are Not Telling You</b>	
17:35+	<b>Apéro Riche</b> (networking, food and drinks)	

## CONFERENCE HIGHLIGHTS

The morning starts with a bang. World-renowned internet security specialist and front man of the Nissan Leaf hack **Troy Hunt** and Pwnie for Most Innovative Research recipient **Herbert Bos** show us why security can be a frustrating and difficult beast to tame.

After the keynotes, you will be spoiled for choice since, after the first coffee break, two simultaneous tracks are offered. It's up to you whether you follow the management oriented program or the technology oriented program. Or maybe a mix of talks from both tracks suits you best?

Another highlight is the appearance of **the Swiss team for the 2016 European Cyber Security Challenge**, who will prepare in their workspace in front of the Auditorium for their mission in Dusseldorf this November.

Watch the team as it prepares for the challenge - maybe you can offer them a tip or two? We encourage you to make contact with the team and share ideas!

Shortly before five o'clock, **Raul Chiesa** will take over the reins and conclude the eventful official part with *Cyber Threats: What Vendors Are Not Telling You*. Afterwards, we'll meet in the lobby for extensive networking with old and new acquaintances over drinks and snacks.

## MODERATORS



### Mark A. Saxer

Mark A. Saxer (Politologe, lic. Phil I Uni Zürich) is a partner at the public affairs agency furrerhugi. AG. He is one of the founders and the managing director of the Public Private Partnership Swiss Cyber Experts as well as of the association Swiss Police ICT ([www.spik.ch](http://www.spik.ch)).



### Dr. Christian Folini

Christian Folini is a maker. He builds secure webserver for a living and has a passion for threat modeling. Christian Folini is a partner at netnea, a small Unix company in Berne. He serves as president of the Company of St. George, a living history group specialised in the defense of medieval castles.

## ABOUT SWISS CYBER STORM ASSOCIATION

The Swiss Cyber Storm Association was founded in 2012 as a nonprofit organization with the purpose to promote young cyber security talents and regularly carry out cyber security events for professionals and executives.

Swiss Cyber Storm fulfills its purpose firstly with the search and support for young cyber security talents during the annual Cyber Security Challenge and the related participation in the European Cyber Security Challenge. Secondly, the association holds the annual Swiss Cyber Storm IT security conference directed internationally at cyber attacks and defense.



## SWISS CYBER STORM 2016 PARTNERS



With its partnership with Swiss Cyber Storm, the Reporting and Analysis Centre for Information Assurance MELANI expresses its support for our mission to help with tackling upcoming challenges such as the shortage of IT specialists.

Within MELANI, partners work together who are active in the area of security of computer systems and the Internet and protection of critical national infrastructures.



The Swiss Academy of Engineering Sciences (SATW) develops recommendations for action on technical topics that are particularly important for Switzerland as a living environment as well as a workplace and research environment. It fosters public interest in and understanding of technology, and works toward the prevention of and appropriate reaction to cyber security threats as part of its focus on cyber security. A federally recognized institution, the SATW brings together a large network of experts and professional associations. It is politically independent and non-commercial.

Other partner organizations that support Swiss Cyber Storm are the **Hasler Foundation**, **Security Interest Group Switzerland (SIGS)** and the **Information Security Society Switzerland (ISSS)**. Swiss Cyber Storm thanks all its partners and supporters for their help and constructive collaboration.

## TRAINING OF THE SWISS TEAM FOR THE ECSC 2016



Certainly, a highlight of this year's conference is the simultaneous training of the Swiss team for the European Cyber Security Challenge 2016.

Watch the team in their workspace in front of the Auditorium as it prepares for their encounter with teams from Austria, Estonia, Germany, Greece, Ireland, Liechtenstein, Romania, Spain and the United Kingdom in November in Düsseldorf, Germany. Maybe you can offer them a tip or two? We encourage you to make contact with the team and share ideas!

The team consists of the ten most talented young experts in Switzerland: five of the team are in the age category 21-30 years and five in the category 14-20 years. Participants were selected using a two-stage approach. In the first stage, they had to be among the top young talents in an online competition to get invited to participate in the second stage, the Swiss final. In the second stage, the Swiss Cyber Storm jury assessed the tech and soft skills of the talents and selected 10 of them to form the Swiss team for the European Cyber Security Challenge 2016.



## EUROPEAN CYBER SECURITY CHALLENGE IN A NUTSHELL

Today, most countries lack sufficient IT security professionals to protect their IT infrastructure. To help mitigate this problem, many of them setup national cyber security competitions for finding young cyber talents and for encouraging them to pursue a career in cyber security.



The European Cyber Security Challenge leverages these competitions in that it adds a pan-European layer to them: The top cyber talents from each country meet to network and collaborate and finally compete against each other to determine which country has the best cyber talents. To find out who's countries team is the best, contestants have to collect points by solving security related tasks from domains such as web security, mobile security, crypto puzzles, reverse engineering and forensics.

[www.europeancybersecuritychallenge.eu](http://www.europeancybersecuritychallenge.eu)

### A PAN-EUROPEAN INITIATIVE



The European Cyber Security Challenge is an initiative from ENISA and organizations from ten countries involved in the implementation of the European Cyber Security 2016 in Düsseldorf, Germany.

# Inspiring new talent



## EUROPEAN CYBER SECURITY CHALLENGE 2016

9. 11. 2016 | Dusseldorf, Germany  
[www.europeancybersecuritychallenge.eu](http://www.europeancybersecuritychallenge.eu)



The EU cyber security agency



[www.enisa.europa.eu](http://www.enisa.europa.eu) | [f](#) [t](#) [in](#) [+](#)  
 For more information [info@enisa.europa.eu](mailto:info@enisa.europa.eu)

ECSC is an annual event that brings together best young talent across Europe to have fun and compete in cyber security. It creates connections with industry and enables new cyber security education and career paths.



**Troy Hunt** is a Pluralsight author, Microsoft MVP and world-renowned internet security specialist. He spend his time teaching developers how to break into their own systems before helping to piece them back together to be secure against today's online threats. He's also the creator of "Have I been pwned?", the free online service for breach monitoring and notifications. Troy regularly blogs at [troyhunt.com](http://troyhunt.com) from his home in Australia.



**Herbert Bos** is a professor of Systems and Network Security at Vrije Universiteit Amsterdam in the Netherlands. He obtained his Ph.D. from Cambridge University Computer Laboratory (UK). Coming from a systems background, he drifted into security a few years ago and never left. He is very proud of his (former) students, three of whom have won the Roger Needham Ph.D. Award for best Ph.D. thesis in systems in Europe.

## CONFERENCE SPEAKER LINE-UP



**Robert Randall** is a Senior IT-Security Engineer & Consultant at terreActive AG. Currently he is focused on log management, security monitoring and security metrics. Robert is highly opinionated when it comes to usable security and he prefers to blame manufacturers and companies for security lapses rather than employees or consumers. He holds an engineering degree in Information Technology with a focus on IT-Security.



**Andrea Klaes** has been responsible for global IT security at Sulzer since October 2013. During the last 15 years Andrea's main focus was on Security, holding various positions at different companies, e.g. Network Associates, Swiss Re or Raiffeisen.



**John Matherly** is the founder and CEO of Shodan, the first comprehensive search engine of devices connected to the Internet. John, born in Switzerland, graduated from University of California, San Diego, with a bachelors degree in bioinformatics, with research done in the field of hydrogen-deuterium exchange mass spectrometry . Prior to creating Shodan, John worked at the San Diego Supercomputer Center as a programmer/ analyst on the Protein Data Bank project. The idea of Shodan was born in 2003, and it has evolved into a tool that searches for and

catalogs every IP address on the Internet, ranging from individual home desktops to industrial automation systems. Shodan also performs automatic Internet-wide surveys, analyzes large amounts of data and makes security tools more accessible to the community.



**Mark Barwinski** is Director for Threat Intelligence and Incident Response at PwC Switzerland. He joined PwC following 11 years of cyber related experience attained at the U.S. Department of Defense in Washington D.C., Germany, Afghanistan, and Canada. He has served in a variety of leadership and liaison roles supporting military operations, defending the Global Information Grid (GiG), and promoting joint discovery and response efforts among partner states. Focused on leveraging actionable information acquired from intelligence and incident

response activities, he will highlight the benefits of an integrated Cyber Threat Intelligence Fusion Center into a corporate security architecture.

## CONFERENCE SPEAKER LINE-UP



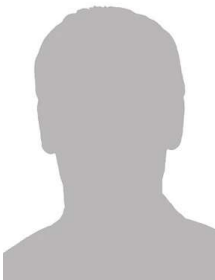
**Nick Galbreath** is CTO and founder of Signal Sciences, a new company focusing on web application defense and security monitoring. Over the last 20 years, Nick has held leadership positions in number of e-commerce and social media companies, including IPONWEB, Etsy, Right Media, UPromise, Friendster, and Open Market, and has consulted for many more. He is the author of "Cryptography for Internet and Database Applications" (Wiley), and was awarded a number of patents in the area of social networking. He holds a master's degree in mathematics from Boston University and currently resides in Tokyo, Japan.



**Walter Belgers** is busy in the security and computing science field since age 8. He has experience in setting up security systems, international roll-out, education, auditing you name it. He is owner and COO of Madison Gurkha, a Dutsch security company with a name that sticks. The last 15+ years he was also involved in giving lectures and organising conferences (boardmember of EuroBSDCon 2004, chair or member of the program committee for many others; probably a reason he has sympathy for Swiss Cyber Storm). Walter's specialties include Security (computers and other), UNIX, computer science in general (operating systems, computer languages, hardware), teaching, explaining, social engineering, organising, giving lectures. AND: Lockpicking! Walter is multiple winner of Dutch lockpicking championships and the president of TOOOL (The Open Organisation of Lockpickers).



**Scott Helme** is a security researcher, international speaker and author of the [scotthelme.co.uk](http://scotthelme.co.uk) blog. He is also the founder of [securityheaders.io](http://securityheaders.io), an online assessment tool which checks the correct deployment of HTTP Security headers on web servers. His site [report-uri.io](http://report-uri.io) is a welcome support for organisations trying out Content Security Policy. Scott handles over 100M reports on [report-uri.io](http://report-uri.io) per week.



**Riccardo Sibilia** is physicist by training and in Cyber-Security since 25 years. He is since 2007 head of the Cyber Threat Analysis of the Swiss Armed Forces. Along his career, he worked on the strategic, doctrinal and technological bases for Cyber Defense both on the military and the national level.

## CONFERENCE SPEAKER LINE-UP



**Mazin Ahmed** is an Information Security Specialist and a Penetration Tester. Computers and its security is his passion for years, and every day he gets attached more into this field. Information Security is not just his career focus, but it's his hobby.

Mazin has worked for a variety of companies, universities, banks, providing the best security solutions, and ensuring that the maximum security possible. Currently, he is running a few community projects, to help raising better awareness regarding Information Security.

He is also a bug bounty programs participant in his spare time. He has reported valid vulnerabilities to numerous top-profile companies, such as Facebook, Twitter, LinkedIn, Bugcrowd, Oracle, Ebay to name a few. He has also been one of the top 3 researchers for PureVPN, one of the top 5 researchers for Tagged, and he was three times in the Bugcrowd top 10 researchers of the month. He is currently among the 15 top researchers (out of 20,000+) on Bugcrowd.



**David Rosenthal** is counsel and co-head of the IT practice at Homburger, a leading Swiss law business firm in Zürich, which he joined in April 2001. Before that, he headed his own legal consulting firm in Basel.



**Marc Ruef** is a Pioneer and Entrepreneur. Almost twenty years ago, he launched an online site which would later become computech, the GO-TO place for IT security related information in German. Forward a few years, he founded scip AG, an information security consulting company. Unlike other pen-testers and researchers, scip is known to go the extra mile. It must be Marc's special talent, that gives scip reports an artistic touch making them special among their peers. Marc is known to be a very active author with hundreds of articles and several books published on a wide range of cyber security topics. His persistence and experience gave Marc access to contracts and research, other security experts can only dream of.

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## CONFERENCE SPEAKER LINE-UP



**Raoul "Nobody" Chiesa** was born in Torino, Italy. After being among the first Italian hackers back in the 80's and 90's (1986-1995), Raoul decided to move to professional InfoSec, establishing back in 1997 the very first vendor-neutral Italian security advisory company; he then left it in 2012, and established along with former and new partners "The Security Brokers", a visionary joined stock company providing niche, cutting-edge security consulting services and solutions.

Raoul is among the founder members of CLUSIT (Italian Information Security Association, est. 2000) and he is a Board of Directors member at ISECOM, OWASP Italian Chapter, and at the Italian Privacy Observatory (AIP/OPSI); he has been one of the coordinators of the Working Group "Cyber World" at the Center for Defence Higher Studies (CASD) between 2010 and 2013 at the National Security Observatory (OSN) at Italy's MoD.

He is a former member of the ENISA Permanent Stakeholders Group (2010-2012 and 2013-2015), a independent "Special Advisor on Cybercrime and Hacker's Profiling" at the UN agency UNICRI, and a Member of the Coordination Group and Scientific Committee of APWG European chapter, the Anti-Phishing Working Group, acting like a "Cultural Attachè" for Italy, and a contributing author and Advisor at GCSEC.org.

Since July 2015 he's a Board Member at AIIC, Italian Experts Association on Critical Infrastructures, a Subject Matter Expert for ADETEF (different French ministries) at ENCYSEC (Enhancing Cyber Security), a project funded by the European Union, and a member of the ITU (UN-Geneva) Roster of Experts on Cybersecurity.

Raoul publishes books, white papers and articles worldwide, which are often translated in different languages (English, French, Italian, Romanian, Spanish, Chinese) as main author or contributor, while being since more than 20 years a worldwide known and appreciated Key Noter and Speaker; giving all of the above, Raoul is a regular contact for worldwide medias (newspapers, TV, radio, podcasts and bloggers) when dealing with Information Security issues, ICT security incidents and IT trends.



terreActive is one of the leading providers of IT security solutions since 1996 with main focus on **Security Monitoring and Log Management**.

As a Swiss engineering company with outstanding know-how our services include

- Consulting
- Integration and
- Operation (SOC and MSS, ISO certified).

We design comprehensive and sustainable concepts for international enterprises, small e-business companies, private banks, IT service providers and industrial manufacturers. Our services help to make our customers' IT infrastructure secure and efficient.

## Core Competencies



### Security Monitoring

We provide all the information to detect attacks and to react to prevent further damage.



### Log Management

„Listen to your logs“. The data of your infrastructure is of high value if you know how to use it.



### Monitoring

One view for you. We offer a single central event console for network, system and application.



### Audit

We identify possible vulnerabilities of your IT infrastructure and help to eliminate risks.



### Performance Management

Our experts provide a complete overview, identify disruptions and bottlenecks in real time.



### Security Operations Center

Combine our Managed Security Services modules individually or ask for SOC/CERT Services.



Be ready for the next cyber attack!  
Protect yourself using **Security Monitoring**.

No question that the next attack will happen – it's just a question of time.  
How do you cope with these IT challenges?

- Growing number of Advanced Persistent Threats and missing records
- Lack of resources and/or skills within your IT-Security department (CERT)
- Need for 7x24 monitoring as hackers never sleep
- Efficient tools for SIEM and Security Monitoring
- Know-how to build-up a Security Operations Center (SOC)

With 20 years of experience in Security Monitoring we help you to find the right solution to protect yourself.

**Strong partnership:**

Our Solutions for Security Monitoring

**Splunk**  
**Balabit**  
**LogRhythm**  
**Vectra Networks**  
**First Security**  
**tac.ch**

**Efficient method:**

The Security Monitoring Cycle





**aspectra** is a dedicated hoster of IT systems for business-critical applications. We comply with FINMA-RS 08/7 and we are ISO/IEC 27001:2013-certified. Whether it is a single virtual system or a large server farm with storage: We aim to provide the highest possible security, availability and performance for your application. In addition we offer managed services such as database management, managed firewalls, backup and restore, VPN-termination, secure authentication etc. Our georedundant data centers are located exclusively in Switzerland. Among our customers are banks, insurance companies, e-health providers, the Swiss government, web portals, online shops etc.

[www.aspectra.ch](http://www.aspectra.ch)

**Schutz  
für Ihre IT**



## SILVER SPONSOR



**Compass Security AG** is a well renowned company specializing in penetration testing, incident response, digital forensics, and security trainings, with offices in Switzerland and Germany. Compass Security's research and community contributions regularly gain international recognition. A comprehensive attack/defense CTF system, called Hacking-Lab, is provided as infrastructure for the running of the European Cyber Security Challenge. Hacking-Lab is licensed to numerous universities worldwide for educational purposes, with its aims of building young cyber talents as well as encouraging them to pursue a career in cyber security. Compass Security embodies trust and knowledge.

[www.compass-security.com](http://www.compass-security.com)



and information becomes secure

### **InfoGuard – Swiss Expert for Networks and Cyber Security**

InfoGuard is a leading and innovative Swiss company providing comprehensive cyber security and network solutions. Our customers benefit from our long experience in architecture, auditing, consulting and project management as well as in the operation and support of complex enterprise networks.

#### **Security Services - Identify and reduce risks**

InfoGuard provides you with the modular service range you need. Our services are based on internationally recognized standards such as ISO 270xx, ISO 22301, NIST Cybersecurity Framework, OSSTMM, OWASP, ITIL, COBIT, PCI DSS and Base Protection and our long-standing experience.

#### **Network & Security Solutions - Proven ICT solutions for reliable Cyber Security**

InfoGuard offers comprehensive ICT solutions to protect and make your information available. Our experienced team of highly qualified and certified professionals can assist you with the architecture, design and engineering as well as with the integration and operation.

#### **Cyber Defence Services - 7x24 from our ISO/IEC 27001 certified Swiss SOC**

As part of our ISO/IEC 27001 certified InfoGuard Cyber Defence Center in Switzerland we manage the entire service spectrum: Ranging from the support through to our cloud and managed security services as well as our SOC-service, in which our Cyber Threat Analysts and Security Experts manage our customers cyber security needs around the clock.

As a member of the Swiss «The Crypto Group», one of the largest and renowned security specialist in Europe with more than 300 employees, the customers profits from over 60 years of experience and continuity in information security.



InfoGuard is ISO/IEC 27001:2013 certified.

#### **InfoGuard AG**

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**Oneconsult AG** was founded in 2003 and is a privately owned, product and vendor independent Swiss IT security consulting company with offices in Switzerland and Germany. With a customer base of 300+ organizations (worldwide) and a total of **1000+ security projects** Oneconsult is your reliable and trustworthy partner with cutting-edge hacking techniques.

We offer a **holistic security consulting approach** to help you protect against external and internal cyber threats like malware infection, digital fraud, data theft and complex attacks like APT.

Our core services are



Penetration Tests



Standard-Based Security Audits (ISO 27001)



IT Forensics

Oneconsult's penetration tests of web and mobile applications, office IT infrastructures and ICS (SCADA/DCS) environments are scenario-based snapshots beyond automation. Each year our research team detects 40+ zero-day vulnerabilities.

The standard-based security audits (e.g. ISO 27001 and 27002) help you determine your organization's information and IT security strengths and weaknesses to define prioritized measures and efficiently allocate your IT security budget.

Using our professional IT forensics lab and applying court-proof processes, we investigate devices to find evidence for attacks not only for corporations but also for law enforcement authorities.

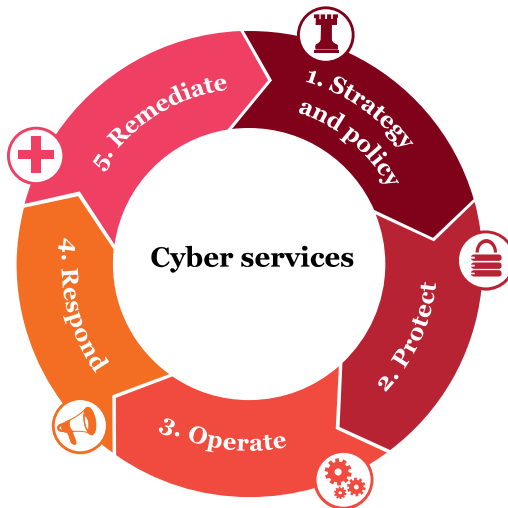
Oneconsult has one of the largest teams of salaried and certified penetration testers (OPST, OSCP) in Switzerland, highly qualified and certified digital forensics experts (GCFE, GREM), as well as an experienced ISO 27001 Lead Auditor team.

[www.oneconsult.com](http://www.oneconsult.com)



**PwC** brings a multi-disciplinary approach to information and cyber security, addressing the key components of strategy, people, process, technology and compliance. PwC's approach to information security blends business insight with a broader view of risk. We help clients to exploit opportunities by understanding their business drivers and threats and building in appropriate security enablers.

The technology revolution has shifted traditional boundaries. Businesses now operate in an increasingly interconnected digital ecosystem. An agile and commercially pragmatic approach is essential for the growth and innovation required to thrive in the new world. PwC's approach covers the five stages of the Cyber Lifecycle to provide an end-to-end service to our clients.



To find out more, please visit us at [www.pwc.ch/cybersecurity](http://www.pwc.ch/cybersecurity)



**TEMET AG** is a privately owned information and IT security consulting company located in Zurich, Switzerland. It provides high quality vendor independent services in the areas of Identity and Access Management (IAM) solutions, Information Security Management Systems (ISMS) and Cybersecurity.

Unique selling point: Our consultants have a background in engineering and project management, and they are experienced practitioners. With this combination of skills, we can plan, guide and support even your most complex security initiatives.

From the sketch book to production - we make your information and IT security infrastructure work!

TEMET AG was founded 2010 by experienced information and IT security professionals and currently employs 12 consultants. Its customer base comprises more than 50 financial institutions, health care companies and public authorities in Switzerland.





**Trend Micro Incorporated**, Trend Micro Incorporated, a global leader in cyber security solutions, helps to make the world safe for exchanging digital information. Our innovative solutions for consumers, businesses, and governments provide layered security for data centers, cloud environments, networks, and endpoints.

Optimized for leading environments, including Amazon Web Services, Microsoft®, VMware®, and more, our solutions enable organizations to automate the protection of valuable information from today's threats. All our products work together to seamlessly share threat intelligence and provide a connected threat defense with centralized visibility and control, enabling better, faster protection.

Trend Micro customers include 45 of the top 50 Fortune® Global 500 companies, and 100% of the top 10 global automotive, banking, telecommunications, and petroleum companies.

With over 5,000 employees in over 50 countries and the world's most advanced global threat intelligence, Trend Micro enables organizations to secure their journey to the cloud.

For more information, visit [www.trendmicro.com](http://www.trendmicro.com).



Everybody is talking about IT security.  
**When will you join the conversation?**

Open Systems is one of the leading enterprise security providers in Europe, focusing on network security, application delivery, identity management and global connectivity – all integrated by service management.

Renowned global enterprises and NGOs use Mission Control Security Services by Open Systems to secure the availability and performance of their business-critical applications and networks. With Mission Control Centers in Zurich and Sydney, Open Systems currently operates in over 175 countries worldwide – 24x7, 365 days a year.

Contact us if you want to learn more about Mission Control Security Services or if you want to join our team and make a difference in your professional life.

**[www.open.ch](http://www.open.ch)**



At **BFH**, Engineering and Information Technology, students are familiarized with the core topics and methods of software development, such as programming, software engineering, databases, operating systems and computer networks and IT security. Students develop software applications and learn to manage software projects.

Research and Development is the second pillar at BFH, Engineering and Information Technology. For companies, various options are provided for the implementation of a project. Four research institutes are of upmost interest: Institute for ICT-Based Management, Research Institute for Security in the Information Society, Institute for Human Centered Engineering, and Institute for Medical Informatics.

Various forms of cooperation exist. Please do not hesitate to contact us for further inquiries.

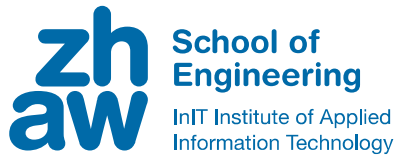
**[www.bfh.ch](http://www.bfh.ch)**



The **HSR Hochschule für Technik Rapperswil** offers bachelor, master courses and post-graduate studies in computer science ("Informatik") with a focus on Software Engineering and Human Computer Interaction Design as well as a series of post-graduate courses in Information Security ("Zertifikatskurse für Datenschutzverantwortliche").

**[www.hsr.ch](http://www.hsr.ch)**

Zurich University  
of Applied Sciences



## **ZHAW, Institute of Applied Information Technology**

The Institute of Applied Information Technology focuses on research and development of smart information technologies, systems and services, to **enable easy and secure access to information** at any time. With our five research groups - Distributed Software Systems, Human Information Interaction, **Information Security**, Information Engineering and Service Engineering we cover both technical and business aspects. We invite you to share your questions, ideas, and problems with respect to smart distributed information systems with us and take advantage of our expertise and experience. A highly qualified team of computer science professors, researchers and research assistants is waiting for you in order to set out for new ways to deal with the ever increasing amount of information.

**<http://init.zhaw.ch>**

## APÉRO RICHE

Starting from 17:35, Swiss Cyber Storm will offer drinks and snacks in the exhibition area in front of the Lucerne Hall. Enjoy a glass of wine, a beer and delicious food as you talk with our speakers, conference attendees and the cyber security talents. And don't forget to enjoy the fabulous location with the view of Lucerne's breathtaking skyline.



## THANK YOU

The Swiss Cyber Storm 2016 conference and the Swiss qualifier for the European Cyber Security Challenge could only be achieved thanks to the superb commitment and generous support from our sponsors and partners as well as the keen interest shown by you, dear conference visitors. Thus, once again a big thank you to everyone involved! As you heard today once again, a lot remains to be done with respect to the strengthening of IT security... But there is also a lot of promising technology and initiatives out there that might help us to get back control and switch back to act instead of react and panic mode.

Dr. Bernhard Tellenbach  
President, Swiss Cyber Storm

## SAVE THE DATE / SUPPORT US

18th October 2017



### Swiss Cyber Storm 2017 Conference

Save the date and join us in 2017 when Swiss Cyber Storm is no longer only a conference but also a networking dinner and lounge. Furthermore, expect a larger exhibition area with integrated lounge, a third track featuring talks from sponsors and more!

### Support Us



### Support us and become a benefactor ("Gönner")

If you support Swiss Cyber Storm with 1'000 CHF (or more) in a certain year, you get benefactor status for this year. As a benefactor, you get invited to our General Assembly and the subsequent dinner and you get an entrance ticket for the next Swiss Cyber Storm conference. Optionally, we list you as a "Gönner" on our website.

## LATEST NEWS, PHOTOS AND PRESENTATIONS



Please visit our homepage for conference photos and presentations. In addition, find information about the next year's Swiss Cyber Storm activities!

<http://www.swisscyberstorm.com>