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Melde- und Analysestelle Informationssicherung MELANI



# Swiss Cyber Storm 2014

## International IT Security Conference

### October 22<sup>nd</sup>, 2014 @ KKL Lucerne



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## WELCOME TO SWISS CYBER STORM 2014



Dr. Bernhard Tellenbach

President Swiss Cyber Storm Association

How can we protect ourselves from current and future cyber threats? How can we take appropriate actions to combat these attacks? I think we all know that these questions do not have a simple answer.

Therefore, I'm very curious about what our renowned **IT security experts and speakers** have to tell us regarding topics like APTs, CIP, BigData analytics and so on.

I'm also looking forward to hear what the panelists of the **CEO/CISO Podium** have to say regarding which challenges innovators are trying to master today and where they think the cyber (security) marketing is heading.

And last but not least, I wish our **young cyber talents** good luck when they solve the security challenges in the Swiss final of the European Cyber Security Challenge running in parallel to today's conference. Please take the opportunity and pay them a visit in the challenge room on the second floor of the conference venue and talk to them at the apéro riche after the conference.

Have a great and interesting day at Swiss Cyber Storm 2014!

## MEET THE FUTUR CYBER TALENT - EUROPEAN CYBER SECURITY CHALLENGE



The Swiss team won last year's cyber security challenge in Linz.





## SWISS CYBER STORM AGENDA

Time	Management Track	Tech Track
0830 - 0900	<b>Registration</b>	
0900 - 0905	Welcome	
0905 - 0950	Robert D. Rodriguez, Chairman and Founder, Security Innovation Network (SINET) <b>Looking Back to Advance the Future - Leading Change</b>	
0950 - 1030	Elia Florio, Microsoft Security Response Center <b>The Exploitation Arms Race between Attackers and Defenders</b>	
1030 - 1100	<b>Coffee Break</b>	
1100 - 1120	Urs Rufer, terreActive AG <b>Detecting Cyber Attacks using Logs</b>	
1120 - 1150	ObstdG* Mag. Walter Unger, Austrian Armed Forces Security Agency <b>Cyberdefence as Building Block of the Austrian Cyber Security Strategy</b>  <i>*Colonel, General staff member</i>	
1150 - 1230	Patrick Miller, EnergySec / Anfield Group <b>Critical Infrastructure Protection - Separating Fact from Fiction: Just How Vulnerable is Vulnerable?</b>	
1230 - 1330	<b>Lunch</b>	
1330 - 1410	Pascal Lamia, MELANI & Dr. Alain Gut, IBM <b>Public Private Partnership - Security Experts</b>	Aaron Philipp, PwC USA <b>Leveraging Big Data Analytics for Cyber Security</b>
1415 - 1455	Michel Herzog, ETH Zurich <b>Incident and Crisis Management in the Context of Cyber Risk</b>	Steve Poulson, Bay Dynamics <b>Protect with Visibility</b> & Peter Clay, CSG Invotas <b>The Need For Speed: Respond Quickly to Cyber Threats</b>
1500 - 1540	Peter Gutmann, University of Auckland <b>The Psychology of Computer Insecurity</b>	Roberto Perdisci, University of Georgia <b>Effective Malware Download Defense via Network-Centric Behavior-Based Learning</b>
1540 - 1610	<b>Coffee Break</b>	
1610 - 1700	<b>CEO/CISO Podium</b> A mix of CEOs and CISOs from innovative tech companies discuss which difficult challenges innovators are trying to solve today and where the cyber (security) market is heading	
1700 - 1730	<b>Cyber Talent Grand Final and Awards</b>	
after 1745	<b>Apéro Riche</b> (networking, food and drinks)	

## SWISS CYBER STORM PATRONAGE

### MELANI



Informatiksteuerungsorgan Bund ISB  
Nachrichtendienst des Bundes NDB

#### Melde- und Analysestelle Informationssicherung MELANI

MELANI, the Reporting and Analysis Centre for Information Assurance is supporting Swiss Cyber Storm because of its cyber talent initiative and research presentations in the field of critical infrastructures, incident handling and law enforcement.

### Swiss Police ICT



Swiss Police ICT is an association of representants from different police corps and companies active in the IT business.

A political advisory board consisting of representants from the five parties of the Federal Council, a senior civil servant and a police commander. The board is consulted in political matters and it helps to establish and maintain links to politicians.

### MODERATOR



Mark Saxer - lic. phil. I

Mark Saxer is general manager of Swiss Police ICT and one of the founders of SPIK, the Swiss Police Informatics Congress. Since many years, the political scientist deals with the question of public safety in the digital age.

He is a partner and senior consultant at Furrer.Hugi & Partner, a public affairs agency, where he mainly works on projects in the domain of IT and security. Furthermore, he works as a coach for communication, moderation and presentation techniques.

## ABOUT SWISS CYBER STORM ASSOCIATION



The Swiss Cyber Storm Association was founded in 2012 and is a **Swiss non-profit organisation**. Its goal and mission is to setup and run a high profile Cyber Security conference in Switzerland and to **bring together young cyber talents** with the representatives of European governments, police, law enforcement, decision makers and IT security professionals. Last year, together with Cyber Security Austria, we started developing the European Cyber Security Challenge which now consists of Austria, Switzerland and Germany. Next year, we will see a significant growth in countries participating in a new instance of an European Cyber Security Challenge.

## KEYNOTE - ROBERT D. RODRIGUEZ, FORMER US SECRET SERVICE



**Robert D. Rodriguez** - Former Special Agent with the United States Secret Service, Chairman and Founder of the Security Innovation Network (SINET)

**Keynote: Looking Back to Advance the Future - Leading Change**

Robert D. Rodriguez is the Chairman and Founder of the Security Innovation Network (SINET) whose focus is on the advancement of IT security innovation into the industry and government markets. Previous to this he spent over twenty-two years as a **Special Agent** with the **United States Secret Service**. During this tenure he held a number of leadership roles within Executive Protection, Protective Intelligence and Criminal Investigations. He served as a supervisor on the Presidential Protective Detail, Counter Assault Team, Protective Intelligence and Criminal Investigation operations. His executive protection experience spanned 11 years at the White House serving Presidents Ronald W. Reagan, George H. Bush, William J. Clinton, George W. Bush, Vice President Dan Quayle and numerous Heads of State.

## APÉRO RICHE - KKL LUCERNE TERRACE



Starting from 17:45, Swiss Cyber Storm offers an Apéro Riche on the KKL Lucerne Terrace (**Apéro inside the pavillon**). The Lucerne Terrace is an exceptional location with fantastic views. **Enjoy a glass of wine, a beer and small intermezzi** when you discuss with our speakers and conference attendees. And don't forget to enjoy the view on the breathtaking skyline of Lucerne!



## CEO & CISO PANEL

The CEO/CISO panel replaces the panel discussion with the speakers of the conference from last year. With this panel, we will provide some insight what CEO/CISOs of innovative tech companies consider to be the hard problems innovators are trying to solve today and where they see the cyber (security) market headed. Despite some changes in the participants list of the panel and as a consequence the lack of a CEO, we believe that we have assembled a great panel with renowned national and international participants.



**Mark Connelly** is the **Chief Information Security Officer for Thomson Reuters**, the world's leading source of intelligent information for businesses and professionals. He is responsible for developing the risk-based information security strategy for Thomson Reuters and driving it across the enterprise. In this role, he oversees security operations, governance, risk and compliance, application security, policies and controls, infrastructure security and security awareness and training.



**Peter Clay** is responsible for ensuring the **global design and execution of CSG Invotas solutions and delivery**. Prior to CSG, Peter served as the chief information security officer for the federal practice at Deloitte. He brings to CSG more than 20 years of deep operational and technology experience in secure computing, security governance, incident response, and security consulting across a broad spectrum of federal, regulatory, and international security standards and requirements organizations.



**Steve Poulson** is **Vice President of Sales at Bay Dynamics**. Mr. Poulson has more than 20 years of experience building and leading high-performing sales teams in the enterprise software industry. He is responsible for driving Bay Dynamics sales and operations in the United States, Canada, EMEA and Latin America. Prior to Bay Dynamics, Steve held a broad range of roles in both public and private companies. His past includes progressive sales, sales leadership, and business development roles at NEC, Altiris, Veritas/Symantec, and VMware.



**Roger Halbheer** is the **Head of Group Security at Swisscom**. He is responsible for the security strategy of the overall Swisscom Group in close collaboration with the group's companies. He is a trusted advisor to C-level executives in the commercial and private sectors and has established relationships with industry leaders, security communities and government and intelligence agencies across the world. Roger is a regular speaker at industry events and has worked with national and international print and broadcast media both to represent Swisscom and provide expert comment on security issues.



**Igor Brodnik** is **IT security manager at Novartis International AG**. Igor is responsible for global security analysis and mitigation for Novartis International AG. With his long term experience in the field of cyber attacks and APT detection, he is a connector between innovations, business needs and cyber risks.

## CONFERENCE SPEAKER LINE-UP



**Elia Florio** - Microsoft Security Response Center

Elia Florio is a Senior Security Engineer at **Microsoft Security Response Center (MSRC)** where he works on protecting customers from exploits and contributing to secure millions of computers every Patch Tuesday. Prior to joining Microsoft he worked as officer for a national Data Protection regulator in Europe and as Supervisor of Symantec Security Response leading a team responsible for malware analysis and threat research.

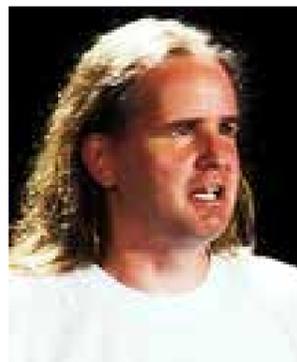
Elia will talk about the **Exploitation Arms Race between Attackers and Defenders**.



**Patrick Miller** - Partner and Managing Principal at The Anfield Group

Patrick Miller is the founder, director and **president emeritus of EnergySec**, a 501(c)(3) nonprofit organization focusing on information sharing, situational awareness and security workforce development. Patrick is also an Advisory Board Executive Committee member for the National Electric Sector Cybersecurity Organization (NESCO), a public-private partnership between the US Department of Energy and EnergySec to enhance cybersecurity in the electric sector.

Patrick will talk about **Critical Infrastructure Protection - Separating Fact from Fiction: Just How Vulnerable is Vulnerable?** With his great background you can expect latest news about (in)security of industrial control systems.



**Peter Gutmann** - Security Researcher and Professional Paranoid at the University of Auckland, New Zealand

Peter Gutmann is a researcher in the Department of Computer Science at the **University of Auckland** working on design and analysis of cryptographic security architectures and security usability. He is the author of the open source cryptlib security toolkit, „Cryptographic Security Architecture: Design and Verification“ (Springer, 2003), and an upcoming book on security engineering. In his spare time he pokes holes in whatever security systems and mechanisms catch his attention and grumbles about the lack of consideration of human factors in designing security systems.

His talk is about **The Psychology of Computer Insecurity**.

## CONFERENCE SPEAKER LINE-UP



**Dr. Alain Gut** - Director Public Sector, IBM Schweiz

Dr. Alain Gut is Director Public Sector at **IBM Switzerland** after having been Director of Software Group Switzerland and Austria and Member of the Executive Board Switzerland.

Alain Gut holds a degree and a Ph.D. in business administration and computer science from the University of Zurich and attended the Program for Executive Development (PED) at IMD Lausanne. Alain Gut is member of the board of Swico, ICTswitzerland and ICT Berufsbildung Schweiz and member of many boards, associations and advisory boards related to education in informatics.

His talk, together with Pascal Lamia, is about the **Swiss Cyber Experts** and its active role in cyber defense. SCE is a new association geared towards improved public private partnership with the Swiss Government.



**Pascal Lamia** - Head of the Reporting and Analysis Center for Information Assurance MELANI

Pascal Lamia is the head of the Reporting and Analysis Center for Information Assurance **MELANI** run by the Swiss government. He is also head of the Swiss Government CERT (GovCERT.ch) and is a lecturer at the Lucerne University of Applied Sciences and Art as well as the Zurich University of Applied Sciences.

His talk, together with Dr. Alain Gut, is about the **Swiss Cyber Experts** and its active role in cyber defense. SCE is a new association geared towards improved public private partnership with the Swiss Government.



**Aaron Philipp** - Cybercrime Manager at PricewaterhouseCoopers, Washington DC

Aaron Philipp is a Manager in the Advisory-Forensic practice at PwC with over 15 years of experience in cybercrime breach response, analytics, and threat intelligence. In this role, Mr. Philipp is the architect of PwC's cyber threat intelligence and big data cyber analytics platforms. Mr. Philipp was previously an Associate Director at Navigant, with a leadership role in the firms computer forensics and data breach practice. In this capacity he oversaw the operation of 14 US and internationally based forensic labs and conducted investigations on 5 continents, as well as serving as a testifying expert on over 20 different matters brought before the court.

Aron's talk is about **Leveraging Big Data Analytics for Cyber Security**.

## CONFERENCE SPEAKER LINE-UP



**ObstdG Mag. Walter Unger** - Colonel (General Staff) of the Austrian Armed Forces, Head of Cyber Defence & ICT-Security at the Austrian Armed Forces Security Agency (AAFSa), Ministry of Defence (MoD)

Walter Unger completed the Military Academy in Wiener Neustadt; and the 12. General Staff Course at the National Defence Academy in Vienna, and the Leadership course at the Federal Administration Academy in Vienna. He served as a Platoon Commander, and as a Company Commander. Since 1991 he had several employments in the MoD and in the AAFSA. 1999-2000 he served as Commander of the Anti-Tank Battalion 1, Joint Forces Command. From 2001-2009 he was Head of the Electronic Defence Division, AAFSA; 2006-2008 Head of the interministeriel Working Group Strategy „ICT Security“; AAFSA and from 2009-2013 he was Head of the ICT Security Division, AAFSA. Since 2013 he is Head of Cyber Defence & ICT-Security Division.

The talk of Mr. Unger is about **Cyberdefence as Building Block of the Austrian Cyber Security Strategy**.



**Roberto Perdisci** - Assistant Professor at University of Georgia

Roberto Perdisci is an Assistant Professor in the Computer Science department at the **University of Georgia**.

Dr. Perdisci's research interests are in Computer and Network Security, in Machine Learning and Data Mining techniques for efficient modeling of very large datasets of network and system information. In particular, he currently focuses on Malware/Botnet modeling and detection at the network level. Dr. Perdisci is the a recipient of the 2012 US National Science Foundation Faculty Early Career Development (CAREER) award.

The talk from Roberto Perdisci is about **Effective Malware Download Defense via Network-Centric Behavior-Based Learning**.



**Urs Rufer** - CEO terreActive AG

Urs Rufer is **CEO of terreActive** AG since 2011. Before that, he lead terreActive's Consulting & Project Teams for more than 10 years. Amongst other things, he co-developed the company's Managed Security Services offerings.

Mr. Rufer has more than 20 years of experience working in the IT business and is a respected expert in this field.

Urs Rufers talk is about the challenge of **Detecting Cyber Attacks using Logs**.

## CONFERENCE SPEAKER LINE-UP



**Michael Herzog** - Researcher at the Center for Security Studies, ETHZ

Michel Herzog is a researcher in the field of critical infrastructure protection and cyber-security in the Risk and Resilience Research Group at the Center for Security Studies (CSS). He studied political science and public law at the University of Zurich, where he received his Master's degree. During his studies, he focused on security policy and legal questions in international relations as well as political risk analysis.

Before joining the CSS, Michel Herzog worked for the Federal Crisis Management Training branch of the Federal Chancellery of Switzerland. His main research interests are the management of political risks, early warning and crisis management, especially in the field of critical infrastructure protection and cyber-security.

Michael Herzog is talking about **Incident and Crisis Management in the Context of Cyber Risk**.



**Steve Poulson** - Vice President Sales, Bay Dynamics

Steve Poulson is Vice President of Sales at Bay Dynamics. Mr. Poulson has more than 20 years of experience building and leading high-performing sales teams in the enterprise software industry. He is responsible for driving Bay Dynamics sales and operations in the United States, Canada, EMEA and Latin America. Prior to Bay Dynamics, Steve held a broad range of roles in both public and private companies. His past includes progressive sales, sales leadership, and business development roles at NEC, Altiris, Veritas/Symantec, and VMware.

Steve is talking about **Protect with Visibility**.



**Peter Clay** - Chief Information Security Officer, CSG Invotas

Peter Clay is responsible for ensuring the global design and execution of CSG Invotas solutions and delivery. Prior to CSG, Peter served as the chief information security officer for the federal practice at Deloitte. He brings to CSG more than 20 years of deep operational and technology experience in secure computing, security governance, incident response, and security consulting across a broad spectrum of federal, regulatory, and international security standards and requirements organizations.

Peter's talk is about **The Need For Speed: Respond Quickly to Cyber Threats**.

## GOLD SPONSOR



terreActive is one of the leading Swiss IT security experts serving many Swiss companies as long term supplier. We serve customers ranging from the globally acting enterprise to the small e-business companies, from private banks and IT-Service providers to industrial manufacturers.

Our customers and our projects are manifold and varied. IT Security is the connective element which is the main focus area for terreActive AG's business since it's foundation in 1996.

As an engineering company we offer above-average knowledge and many years of experience in IT security. We rely on close partnerships with our customers and partners. Our offering include: Consulting, integration and operation.



### Security Monitoring Services

We provide all the information to detect attacks and react to.



### Consulting

Our experts create concepts, architectures and advise you if needed.



### Comprehensive Monitoring

Our solutions include network, system, application and security monitoring.



### Audit

We know the crucial points and weaknesses in the IT infrastructure and help our customers to recognize them.



### Managed Services

Our Managed Services are offered in a modular way and can be combined individually.



### Log Management

„Listen to your logs“ is our belief. There's a lot of value in your infrastructure data.

<http://www.terreactive.ch>

## SILVER SPONSORS



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

Our consultants have a background in engineering and project management, and they are experienced practitioners. With this combination of skills, they can plan, guide and support even your most complex security initiatives. From the sketch book to production - we make your IT Security infrastructure work!

TEMET AG was founded 2010 by experienced IT Security professionals and currently employs 11 information security consultants. Its customer base comprises more than 30 financial institutions and public authorities in Switzerland.

<http://www.temet.ch>



### Kaspersky Lab

Kaspersky Lab is one of the fastest-growing provider of IT security solutions worldwide and is now one of the four internationally leading anti-virus software companies.

Today, Kaspersky Lab is the biggest privately held company providing endpoint security solutions worldwide. With 30 subsidiaries in different regions of the world, Kaspersky Lab addresses the needs of its customers in more than 200 countries.

The headquarter of Kaspersky Lab is in Moscow, Russia while the Kaspersky Lab holding is registered in Great Britain.

With its more than 2'700 highly specialized experts and its wide range of products and solutions, Kaspersky Lab protects more than 300 million people in roughly 250'000 companies worldwide - from small and medium sized companies to large-scale enterprises and governmental organisations.

<http://www.kasperskylab.com>

## SILVER SPONSORS



PwC Switzerland helps organisations and individuals create the value they are looking for – serving them with over 2,600 employees and partners working in 14 different offices throughout Switzerland. We are part of a network of firms in 157 countries with more than 195,000 people who are committed to delivering quality in assurance, tax & legal and advisory services.

PwC's global cyber security practice has more than thirty years experience, with 3,500 information security professionals in 151 countries, 1,200 of which work in Europe. We provide a comprehensive range of integrated cyber security services that help you assess, build and manage your cyber security capabilities, and respond to incidents and crises. Our services are designed to help you build confidence, understand your threats and vulnerabilities, and secure your environment.

The PwC cyber security service delivery team includes incident response, legal, risk, technology and change management specialists. Our integrated approach recognises the multi-faceted nature of information and cyber security and draws on specialists in process improvement, program and change management, human resources, forensics, risk, and our own legal firm.

PwC has gained an international reputation for its technical expertise and strong security skills in strategy, design, implementation and assessment services, and as such, was recognised as a leader in Information Security and IT Risk by Forrester Wave.

For more information see <http://www.pwc.ch/cybersecurity>



## UNITED SECURITY PROVIDERS

United Security Providers is a leading specialist in information security who closes the gaps in network and application security. As the Swiss market leader in this sector, we also handle this task on an increasingly international level. Our efforts are centred on providing maximum security for your business processes in terms of both, confidentiality and availability.

Solutions from United Security Providers effectively protect your existing IT infrastructure, whilst also providing opportunities to simplify it. Since 1994, a growing number of clients have been placing their trust in United Security Providers.

Our clients include renowned Swiss financial institutions, administrative organisations, multinational corporations, hospitals and transport and logistics companies, all of whom demand first-class products and services. And that is just what we offer - 24 hours a day, seven days a week - by operating mission-critical network and security infrastructures at more than 400 locations across the globe.

Our carefully selected business partners help you to choose and integrate the perfect solution for you, meaning that United Security Providers is always at hand - wherever you are in the world.

<http://www.united-security-providers.ch>

## SILVER SPONSORS



Swisscom is Switzerland's leading ICT provider with its headquarters in Ittigen, close to the capital city, Berne. With over 20,000 employees it generated turnover of CHF 5.7 billion in the first half-year of 2014. Swisscom is one of the most sustainable companies in Switzerland and Europe.

Information is one of the most valuable assets of our age. We are committed to transmitting and storing information as securely and reliably as possible. We deploy over 150 employees daily to ensure information security, data privacy and secure operation in our networks. Many customers from sensitive sectors such as banking, health or security trust in our services. We are Switzerland's only telecommunication provider to hold ISO 27001 security certification.

Furthermore Swisscom offers a broad range of dedicated Managed Security Services to their customers. Our security experts work around the clock to ensure that top quality, highly secure services are available at all times. The coherent Swisscom security portfolio cover your requirements for reliable network-, perimeter-, content- and endpoint-security, strong authentication

<http://www.swisscom.com>

## EUROPEAN CYBER SECURITY CHALLENGE 2014



The European Cyber Security Challenge is a pan-European cyber security competition, dedicated to find the top cyber security team. Teams consists of 10 players per country (5 pupils and 5 students) between the age of 14 and 30 years. The winning team from each country gets invited to the finals taking place in November 2014 in Fürstenfeld, Austria. The European Cyber Challenge's goal is to raise awareness for the cyber security topic and cyber security education. Furthermore, the challenge should serve as a nexus for finding and developing a trusted team of cyber security experts through the means of a center of excellence.

The Swiss Cyber Storm Association is responsible for putting together the team of cyber security talents representing Switzerland in the European Cyber Security Challenge. To do so, Swiss Cyber Storm runs a competition whose final is carried out in parallel to the Swiss Cyber Storm conference.

Please take the opportunity and visit the Swiss Cyber Storm final in the challenge room on the second floor of the conference venue and talk to the cyber security talents at the apéro riche after the conference.

Swiss Final	October 22 <sup>nd</sup> , 2014 / Lucerne, Switzerland
European Final	November 5 <sup>th</sup> , 2014 / Fürstenfeld, Austria
Awards Ceremony	November 6 <sup>th</sup> , 2014 / Vienna, Austria

## CYBER SECURITY CHALLENGE

How it works!

### Step 1

#### Online Qualifying

Each participating country is organizing an independent online security competition. Cyber talents must demonstrate their security skills by solving penetration testing, web application security, crypto, reverse engineering, network security, Linux or Microsoft based security challenges. For solved challenges, contestants will earn points.

### Step 2

#### National Cyber Security Final, Lucerne (CH)

The top ranked cyber security talents are then invited to the national final taking place in parallel to the Swiss Cyber Storm conference. Attending the final, the talents will dig into more advanced security riddles and solve more challenges. The winners of the national final will represent Switzerland at the European Cyber Security Challenge.

### Step 3

#### European Cyber Security Challenge, Fürstenfeld (AT)

This year, Austria invited the other countries to this years European Cyber Security Challenge Finals taking place between the 4th and 5th of November in Fürstenfeld. In Fürstenfeld, all teams will enjoy a comprehensive team building and „how to handle the press“ training. The second day, the teams from Austria, Germany and Switzerland finally compete for the first place in the European Cyber Security challenge. The team have to proof their security and hands-on skills as well as their social and presentation technique skills in a competition that lasts the whole day. An independent jury is evaluating the teams performance.

### Step 4

#### Award Ceremony, Vienna (AT)

On November 6th, all teams and their coaches will leave Fürstenfeld and travel to the award ceremony in the Museum of Military History in Vienna. Several top politicians, members of the Austrian armed forces and members of the Swiss and other embassies are among the invited guests at this very speical event!

#### Outlook: Switzerland is hosting the Finals and Award Ceremony 2015

Swiss Cyber Storm is inviting all countries participating in the European Cyber Security Challenge 2015 to Switzerland to carry out the finals in Lucerne. We expect a significant increase in the number of countries participating in the next year's finals.



www.swisscyberstorm.com

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## CHALLENGE SPONSORS



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<http://www.swisscom.com>

## EUROPEAN CYBER SECURITY CHALLENGE 2014

Swiss Cyber Storm is seeking for the top cyber talents. On November 3rd, the Swiss team will travel to Fürstenfeld, Austria to fight against the teams from Austria and Germany.



www.swisscyberstorm.com

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## CHALLENGE SPONSORS

Zürcher Hochschule  
für Angewandte Wissenschaften



### 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. ZHAW offers a broad spectrum of competencies in the area of smart information technologies, systems, and services. With our five research groups

- Distributed Software Systems
- Human Information Interaction
- Information Security
- Information Engineering
- 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 flood of information.

<http://www.zhaw.ch>



Studying 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. Students develop software applications and learn to manage software projects. In the second part of the course, students can choose from among four specializations:

- Mobile Computing
- IT Security
- Web and Business Applications
- Computer Perception and Virtual Reality

Research and Development is the second pillar at BFH, Engineering and Information Technology. We maintain an intensive research and knowledge exchange with commercial enterprises. For companies, various options are provided for the implementation of a project. For IT related themes, three research institutes are of upmost interest:

- Institute for ICT-Based Management
- Research Institute for Security in the Information Society
- Institute for Human Centered Engineering

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

**Contact:** Prof. Dr. Eric Dubuis, BFH-TI, Computer Science, Head of Division

<http://www.bfh.ch>

## CHALLENGE SPONSORS



A cyber security division of the Kudelski Group (SIX: KUD.S), Kudelski Security is an innovative independent **Swiss provider of tailored cyber security solutions** and services to financial institutions, government administrations, defense sector and the media industry.

The team of over 100 security professionals offers its extensive expertise in the delivery of end-to-end cyber security and consultancy solutions built upon over 20 years of real-life experiences in **advanced threat detection**, piracy risk mitigation, asset and reputation protection, as well as security assessments.

Kudelski Security is headquartered in **Lausanne, Switzerland**. Its global reach and multi-disciplinary incident response is reinforced by key international partnerships.

<http://www.kudelskisecurity.com>



and information becomes secure

### InfoGuard, Swiss Expert for Networks and Information Security

InfoGuard is a leading and innovative Swiss company **providing comprehensive information 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.

InfoGuard offers targeted security audits to verify the quality of your security processes, IT infrastructure and employees. This provides an optimal basis for the long-term improvement of your information security and helps to identify risks at an early stage and then evaluate and eliminate them.

InfoGuard's competences include raising awareness, strategic and technical consultancy and auditing, as well as the implementation and the support of network and security solutions. We develop and provide our own ICT security solutions of the highest quality. In addition we have strategic alliances with selected partners.

As a member of the Swiss **The Crypto Group**, one of the largest and renowned security specialist in Europe with more than 300 employees.

<http://www.infoguard.ch>



## THANK YOU

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Thank you for attending this year's Swiss Cyber Storm conference. We hope you enjoyed the conference with its talks from international speakers which we bring to Switzerland to save you a trip abroad.

If you liked our conference, please spread the word! And if you have feedback on how we can make the conference even more attractive, please contact us at [ok@swisscyberstorm.com](mailto:ok@swisscyberstorm.com).

We are looking forward to welcome you back in 2015!

## SAVE THE DATE 2015

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October 21<sup>th</sup>, 2015

**Swiss Cyber Storm Conference and  
European Cyber Security Challenge Finals**

October 22<sup>nd</sup>, 2015

**European Cyber Security Challenge Award Ceremony**  
Invited guests from the public and private sector including politicians,  
decision makers and many more

Dr. Bernhard Tellenbach

President Swiss Cyber Storm Association

[president@swisscyberstorm.com](mailto:president@swisscyberstorm.com)

<https://www.swisscyberstorm.com>

