Central European Cybersecurity Conference 2017

Conference program

16–17 November 2017

Ljubljana, Slovenia

Organized by

University of Maribor

Faculty of
Criminal Justice and Security

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Slovenian Computer
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(SI-CERT)

http://www.mdpi.com/journal/cryptography

Cryptography

About the Conference

The Central European Cybersecurity Conference – CECC 2017 aims at establishing a venue for the exchange of information on cybersecurity and its many aspects in central Europe. CECC 2017 encourages the dialogue between researchers of technical and social aspects of cybersecurity, both crucial in attaining adequate levels of cybersecurity. Complementary contributions dealing with its economic aspects as well as any legal, investigation or other issues related to cybersecurity are welcome, too.

Program

Thursday, 16 November 2017

9:00 - 17:30	**Registration**
10:00 - 10:30	**Opening** Andrej Sotlar *Dean of the Faculty of Criminal Justice and Security, University of Maribor* Igor Bernik *University of Maribor, CECC 2017 Chair*
10:30 - 11:00	**Invited talk** Enforcing Software Integrity in the Internet of Things *Stefan Katzenbeisser (TU Darmstadt)*
11:00 - 11:30	**Coffee break**
11:30 - 12:00	**Professional presentations** The institutional logic of cybersecurity *Jorge Tiago Martins (University of Sheffield)* How to identify the current status of cybersecurity *Boštjan Delak (Faculty of Information Studies in Novo Mesto)*
12:00 - 13:00	**Research papers** Explaining the employment of information security measures by individuals in organizations: The self-protection model *Anže Mihelič and Simon Vrhovec* Why did I end up living in a cave? Risks of IoT at home *Nerea Sainz de La Maza Doñabeitia, Miguel Hernández Boza, Javier Jiménez del Peso and José Ignacio Escribano Pablos* Security of IoT Cloud Services - A User-Oriented Test Approach *Martin Böhm, Ina Schiering and Diederich Wermser*
13:00 - 15:00	**Lunch break**
15:00 - 15:30	**Invited talk** Network Steganography: Principles, Countermeasures, Applications *Jörg Keller (FernUniversität Hagen)*

15:30 - 16:00   Professional presentations
Information Technology Assessment: ISO and Pentest /
Preverjanje informacijskih tehnologij: ISO in pentest
Miha Ozimek (SIQ)

Sistematski pristop k reševanju informacijsko-varnostnih groženj
Primož Vogrinec (A1)

16:00 - 16:30   Coffee break

16:30 - 17:30   Research papers
Cycle Structure and Reachability Analysis for Cipher Spritz with small N
Jörg Keller

Concept Drift Analysis for Improving Anomaly Detection Systems in
Cybersecurity
Michał Choraś and Michał Woźniak

Children Privacy Protection in Video Surveillance Based on Automatic Age
Estimation
Petra Grd, Igor Tomičić and Miroslav Bača

19:00 - 21:30   Dinner

Friday, 17 November 2017

9:00 - 16:00   Registration

10:00 - 10:30   Professional presentations
Zaposleni kot največje varnostno tveganje
Filip Božič (Zupo)

Securing web and cloud services /
Zaščita spletnih in oblačnih storitev
Sebastjan Lajkovič (GenLan)

10:30 - 11:30   Research papers
The Cipher, the Random and the Ransom: A Survey on Current and Future
Ransomware
Ziya Alper Genç, Gabriele Lenzini and Peter Y.A. Ryan

Use of mobile devices in hospitals and perceived data breach consequences: An
explorative study
Simon Vrhovec and Blaž Markelj

Preparation of response model to cyber-attacks at nuclear facilities
Samo Tomažič and Igor Bernik

11:30 - 12:00   Coffee break

12:00 - 12:30   Invited talk
Cyber Response to the Wave of Terrorism
Daniel Cohen (IPD Forum)

12:30 - 13:00	**Professional presentations**
	Evolution of Computer Security Incidents
	Gorazd Božič (SI-CERT)

| 13:00 - 15:00 | **Lunch break** |

15:00 - 15:30	**Professional presentations**
	Security of contactless transactions
	Mitja Vreča (PrintecGroup)

| 15:30 - 16:30 | **Research papers** |
	Information security management practices: Expectations and reality
	Kaja Prislan, Branko Lobnikar and Igor Bernik
	Mobile security: Two generations of potential victims
	Blaž Markelj and Sabina Zgaga
	Combat Mobile Evasive Malware via Deep Learning
	Irfan Bulut, A. Gokhan Yavuz and R. Can Aygun

Venue

HOTEL LEV
HOTEL AND CONFERENCE CENTER
★★★★

Vošnjakova 1, Ljubljana, Slovenia
+386 1 308 1438
lev@union-hotels.eu
http://www.union-hotels.eu/en/hotel-lev/

Invited speakers
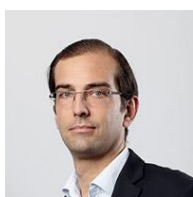
Stefan Katzenbeisser
Enforcing Software Integrity in the Internet of Things

Stefan Katzenbeisser obtained a Ph.D. from the Vienna University of Technology, Austria. After working as Senior Scientist at Philips Research, he joined TU Darmstadt as professor for Security Engineering in 2008. His current research interests include applied cryptography, privacy enhancing technologies, platform security and critical infrastructure security.

Jörg Keller
Network Steganography: Principles, Countermeasures, Applications

Jörg Keller obtained a Ph.D. from Saarland University, Saarbrücken, Germany. After a post doc year at CWI, Amsterdam, and a habilitation fellowship at Saarland University, he joined FernUniversität in Hagen, Germany as professor for Computer Engineering in 1996. His current research interests include IT security, parallel, fault-tolerant and energy-efficient computing, and virtual laboratories.

Daniel Cohen
Cyber Response to the Wave of Terrorism

Daniel Cohen is the head of the Strategy Program at The Abba Eban Institute for International Diplomacy, IDC Herzliya. He is also a researcher at Blavatnik Interdisciplinary Cyber Research Center (ICRC) at Tel Aviv University where his fields include cyber security and terrorism, terrorist organizations' use of web and social media, and counter terrorism. He received his BA in Government from IDC, Herzliya and MA in Security Studies from Tel Aviv University. He lecturers in the private and public sectors both in Israel and abroad. Daniel serves as a consultant expert for the UN Security Council Counter-Terrorism Committee and the Organization for Security and Co-operation in Europe (OSCE).

Accommodation

Special accommodation proposals from Union Hotels are available from 15 to 17 November 2017.

Grand Hotel Union****

Miklošičeva 1, Ljubljana, Slovenia
+386 1 308 1989
grand@union-hotels.eu
http://www.union-hotels.eu/en/grand-hotel-union/

The first-class hotel in Ljubljana, boasting a premier location in the city center, offering most spacious & comfortable rooms, excellent complimentary buffet breakfast, free internet, secured parking garage, business center...

Comfort rooms:

Single – 126 EUR/night

The above prices include buffet-style breakfast, VAT, complimentary use of the hotel swimming pool, gym, and sauna at Grand Hotel Union Business, as well as Wi-Fi internet access inside the rooms.

The prices exclude the city tax in the amount of € 1.26 / night / person.

We offer share ride shuttle or chauffeur driven services to or from airports and other destinations. The services can be charged to your hotel account. Select a link or contact our reservation team.

Share ride shuttle:

https://app.optilimo.com/wf/shared/7f8cd69e-af80-4813-a3bc-2ec99643d7f1?type=arrival

Chauffeur driven services:

http://shuttle.si/

We also offer a garage located at Grand hotel Union Business, where you can park your car. The overnight parking is 20 EUR.

https://reservations.travelclick.com/76847?groupID=1971181

Last day for reservation: 27 October 2017

After this date rooms will be available on request, please contact reservations department directly:

grand@union-hotels.eu or +386 1 308 1989

Hotel Lev****

Vošnjakova 1, Ljubljana, Slovenia
+386 1 308 1438
lev@union-hotels.eu
http://www.union-hotels.eu/en/hotel-lev/

Hotel Lev is the best choice for everyone looking for classical elegance and modern comfort. Located in the very heart of Ljubljana, just a few minutes' walk from the main sightseeing attractions and less than 30 minutes' drive from Jože Pučnik international airport.

Classic rooms:

Single – 90 EUR/night

The above prices include buffet-style breakfast, VAT, complimentary use of the gym, as well as Wi-Fi internet access inside the rooms.

The prices exclude the city tax in the amount of € 1.26 / night / person.

We offer share ride shuttle or chauffeur driven services to or from airports and other destinations. The services can be charged to your hotel account. Select a link or contact our reservation team.

Share ride shuttle:

https://app.optilimo.com/wf/shared/7f8cd69e-af80-4813-a3bc-2ec99643d7f1?type=arrival

Chauffeur driven services:

http://shuttle.si/

We also offer a garage at Lev hotel, where you can park your car. The overnight parking is 18 Eur.

LINK FOR RESERVATION:

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Last day for reservation: 27 October 2017

After this date rooms will be available on request, please contact reservations department directly:

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