Central European Cybersecurity Conference 2017

Conference program

16–17 November 2017
Ljubljana, Slovenia

Organized by
University of Maribor
Faculty of Criminal Justice and Security
Sponsors

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Supporting partners

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ISACA Slovenia Chapter
http://www.isaca.si/

Slovenian Computer Emergency Response Team (SI-CERT)
https://www.cert.si/

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

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<td>Rector of the University of Maribor</td>
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<td>Andrej Sotlar</td>
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<td>Igor Bernik</td>
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<td>University of Maribor, CECC 2017 Chair</td>
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<td>The institutional logic of cybersecurity</td>
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<td>Zaposleni kot največje varnostno tveganje</td>
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<td>Why did I end up living in a cave? Risks of IoT at home</td>
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<td>Nerea Sainz de La Maza Doñabeitia, Miguel Hernández Boza, Javier Jiménez del Peso and José Ignacio Escribano Pablos</td>
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<td>Security of IoT Cloud Services - A User-Oriented Test Approach</td>
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<td>13:00 - 15:00</td>
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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
Combat Mobile Evasive Malware via Deep Learning
Irfan Bulut, A. Gokhan Yavuz and R. Can Aygun
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

19:00 - 21:30 Dinner

Friday, 17 November 2017

9:00 - 16:00 Registration

10:00 - 10:30 Professional presentations
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
TBA
Lior Tabansky (IPD Forum)
12:30 - 13:00  Professional presentations
TBA
Gorazd Božič (SI-CERT)

Human Firewall
Gorazd Rolih (Force Command, Slovenian Armed Forces)

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

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

Venue
Vošnjakova 1, Ljubljana, Slovenia
+386 1 308 1438
lev@union-hotels.eu

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.

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

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.

**LINK FOR RESERVATION:**

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

HOTEL LEV
Hotel and Conference Center
****

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:**

https://reservations.travelclick.com/86073?groupId=1971176

**Last day for reservation: 27 October 2017**

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

lev@union-hotels.eu or +386 1 308 1438