



Univerza v Mariboru

Fakulteta za varnostne vede

KATEDRA ZA INFORMACIJSKO VARNOST

Predstojnik katedre: prof. dr. Igor Bernik

Predstavitev: XXXXXX

Dan Inštituta za varstvoslovje 2021

18

NOVEMBER

2020

European Interdisciplinary Cybersecurity Conference

Couvent des Jacobins, Rennes, France

Co-located with European Cyber Week 2020

EUROPEAN
CYBER WEEK



DAVID MEGÍAS

DATA HIDING: NEW OPPORTUNITIES FOR SECURITY AND PRIVACY?

Dr. David Megías is full Professor and the Principal Investigator of the KISON research group of the Internet Interdisciplinary Institute (IN3), at the Universitat Oberta de Catalunya (UOC). He received the Ph.D. degree in computer science from the Universitat Autònoma de Barcelona (UAB) in July 2000. Since October 2001, he has been at the UOC with a permanent position (currently as Professor). At the UOC, he has held several academic positions, until he was appointed director of the IN3 in April 2015. His current teaching is mostly related to computer networks, information security (watermarking and steganography), and research techniques and methodologies in the field of network and information technologies. His current research interests focus on information security and privacy, and include the security and privacy in multimedia content distribution (mainly in the watermarking and fingerprinting topics), steganography and steganalysis, and privacy concerns in different applications of decentralized networks. He has published research papers in numerous international journals and conferences and has participated in several national joint research projects both as a contributor and as principal investigator. He is also a member of the editorial board and programme committees of several journals and conferences in the area of security and privacy.

EICC 2020: Proceedings of the European Interdisciplinary Cybersecurity Conference



2020 Proceeding

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Conference: EICC 2020: European Interdisciplinary Cybersecurity Conference • Rennes France • November, 2020

ISBN: 978-1-4503-7599-3

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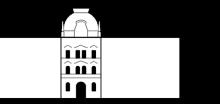
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Inria



University of Maribor

Faculty of
Criminal Justice and Security

**10-11
NOVEMBER
2021**

European Interdisciplinary Cybersecurity Conference

Targu Mures, Romania

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Teri Lenard, University of Medicine, Pharmacy, Sciences and Technology of Tg. Mures (Romania)

Roland Bolboaca, University of Medicine, Pharmacy, Sciences and Technology of Tg. Mures (Romania)

IMPORTANT DATES

Submission deadline

14 Jun 2021

Author notification

9 Jul 2021

Poster submission

23 Aug 2021

Camera-ready

27 Sep 2021



University of Maribor
Faculty of
Criminal Justice and Security



GEORGE EMIL PALADE
UNIVERSITY OF MEDICINE,
PHARMACY, SCIENCE, AND
TECHNOLOGY OF TARGU MURES

KONFERENCA

Informacijska varnost

Zaupanje v človeka in tehnologijo

5. november 2020 \ on-line



Vodja organizacijskega in programskega odbora:
doc. dr. Blaž Markelj

1. konferenca prava informacijske varnosti

20. in 21. april 2020 • Hotel Slovenija, Portorož



Blaž Markelj sodelovanje z GV Založbo

doc. dr. Blaž Markelj idejni in programski vodja konferenc prava v informacijski varnosti 2020 in 2021.

2. konferenca prava informacijske varnosti

19. in 20. april 2021 • Hotel Slovenija, Portorož



Akademske aktivnosti

Tematske številke znanstvenih revij



IEEE Security & Privacy

- Special Issue on Security and Privacy Issues of Home Globalization
- Simon Vrhovec, gostujoči urednik
- Rok: **15. maj 2021**

Q1



Scopus Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications

- Special Issue on Multidisciplinary Solutions to Modern Cybersecurity Challenges
- Simon Vrhovec, gostujoči urednik
- Rok: **15. april 2021**

Q2

Recenzent za znanstvene revije

Simon Vrhovec

- Future Generation Computer Systems Scopus
- International Journal of Project Management Scopus
- Journal of Universal Computer Science Scopus
- European Journal of Crime, Criminal Law and Criminal Justice Scopus
- Revija za kriminalistiko in kriminologijo Scopus
- Journal of Cyber Security and Mobility Scopus
- International Journal of Advanced Computer Science and Applications Scopus

Blaž Markelj

- Revija za kriminalistiko in kriminologijo Scopus

Igor Bernik

- Behaviour & Information Technology Scopus
- PlosONE Scopus
- IET Information Security Scopus

Uredniški odbor znanstvenih revij

Scopus Journal of Cyber Security and Mobility

- Simon Vrhovec

EUREKA: Social and Humanities

- Simon Vrhovec

International Journal of Cyber Forensics and Advanced Threat Investigations

- Simon Vrhovec

Journal of forensic research and crime studies

- Igor Bernik

Varstvoslovje : revija za teorijo in prakso varstvoslovja

- Igor Bernik

Q4

Programski odbor znanstvenih konferenc

Simon Vrhovec

- Future Technologies Conference 2020 (**FTC 2020**)
- 3rd International Workshop on Security Engineering for Cloud Computing (**IWSECC 2020**), 15th International Conference on Availability, Reliability and Security (**ARES 2020**)
- 2nd International Workshop on Information Security Methodology and Replication Studies (**IWSMR 2020**),
- 15th International Conference on Availability, Reliability and Security (**ARES 2020**)
- The 2020 Multidisciplinary International Conference of Research Applied to Defense and Security (**MICRADS'20**)

Anže Mihelič

- International Conference on Internet Monitoring and Protection (**ICIMP 2020**)

Igor Bernik

- European Interdisciplinary Cybersecurity Conference (**EICC 2021**)
- European Conference on e-Learning (**ECEL 2021**)
- Knowledge Management and Intellectual Capital (**ECKM 2021**)
- European Conference on the Impact of Artificial Intelligence and Robotics (**ECIAIR 2021**)
- International Conference on Education and New Learning Technologies (**EduLEARN 2021**)

Raziskovalna področja in objave 2020

Raziskovalne metode

Simon Vrhovec, Damjan Fujs, Luka Jelovčan, and Anže Mihelič. "Evaluating case study and action research reports: Real-world research in cybersecurity". In: *Journal of Universal Computer Science* 26.7 (2020), pp. 827–853



Simon Vrhovec. "Structural equation modeling in cybersecurity research". In: *15th International Conference on Availability, Reliability and Security (ARES 2020)*. Dublin, Ireland, 2020

Socialna omrežja

Damjan Fujs and Simon Vrhovec. "Use of Social Networking Services among Slovenes around the World". In: *Dve domovini / Two Homelands* 52 (2020), pp. 61–79. doi: 10.3986/dd.2020.2.04



Človeški dejavniki kibernetske varnosti

Damjan Fujs, Simon Vrhovec, and Anže Mihelič. "The role of emojis and emoticons in social engineering / Vloga čustvenčkov in čustvenih simbolov pri socialnem inženiringu". In: *Psihološka obzorja / Horizons of Psychology* 29 (2020), pp. 134–142. doi: 10.20419/2020.29.521



Luka Jelovčan, Simon Vrhovec, and Anže Mihelič. "A literature survey of security indicators in web browsers". In: *Elektrotehniški vestnik / Electrotechnical Review* 87.1–2 (2020), pp. 31–38



Damjan Fujs, Simon Vrhovec, and Damjan Vavpotič. "An innovative model to manage the information systems security threats / Inovativni model za obvladovanje informacijskostnostnih groženj pri uporabi informacijskih sistemov". In: *Elektrotehniški vestnik / Electrotechnical Review* 87.3 (2020), pp. 109–116



Kaja Prislan, Anže Mihelič, Igor Bernik. "A real-world information security performance assessment using a multidimensional socio-technical approach". In: *PloS one* 15.9 (2020)

Razvoj varne programske opreme

Damjan Fujs, Simon Vrhovec, and Damjan Vavpotič. "Bibliometric Mapping of Research on User Training for Secure Use of Information Systems". In: *Journal of Universal Computer Science* 26.7 (2020), pp. 764–782



Anže Mihelič, Simon Vrhovec, and Tomaž Hovelja. "A systematic literature survey on lean and agile approaches to secure software development / Sistematični pregled literature agilnih in vitkih pristopov k razvoju varne programske opreme". In: *Uporabna informatika* 28.3 (2020), pp. 161–169



Damjan Fujs, Simon Vrhovec, and Damjan Vavpotič. "A Novel Approach for Acquiring Training and Software Security Requirements". In: *European Interdisciplinary Cybersecurity Conference (EICC 2020)*. Rennes, France: ACM, 2020, 10:1–2. doi: 10.1145/3424954.3424964



Sprejemanje in uporaba tehnologij

Luka Jelovčan, Damjan Fujs, Simon Vrhovec, and Anže Mihelič. "The role of information sensitivity in adoption of E2EE communication software". In: *European Interdisciplinary Cybersecurity Conference (EICC 2020)*. Rennes, France: ACM, 2020, 13:1–2. doi: 10.1145/3424954.3424967



Kaja Prislan, Kristina Stojchevska, Anže Mihelič. "Vloga ponudnikov telekomunikacijskih storitev pri obvladovanju napadov DDoS". In: *Elektrotehniški vestnik / Electrotechnical review* 87.5 (2020), pp. 251–259

Umetna inteligencia v kibernetki varnosti

Črt Uršič, Anže Mihelič, and Simon Vrhovec. "Use of neural networks in cybersecurity / Uporaba nevronskeih mrež v kibernetki varnosti". In: *Varstvoslovje / Journal of Criminal Justice and Security* 22.2 (2020), pp. 197–210

Raziskovalna področja, objave 2020 in sodelovanje z gospodarstvom

Knjige 2020

TOMŠE, Sara (avtor), MARKElj, Blaž (avtor). Informacijska varnost : etično hekanje. 1. natis. Ljubljana: Lexpera, GV založba, 2020. 207 str., ilustr. ISBN 978-961-247-440-9.

DREVEN, Maša, DOBOVŠEK, Bojan, JELENC, Uroš, MAJERLE, Ida, MAKOVŠEK, Peter, MARKElj, Blaž (avtor, avtor dodatnega besedila), MERVIČ, Eneja, PRAPROTNIK, Gorazd, SKERL BERONJA, Gregor, MARKElj, Blaž (urednik). Informacijska varnost : izzivi sodobne tehnologije. 1. natis. Ljubljana: Lexpera, GV založba, 2020. 204 str., ilustr. ISBN 978-961-247-450-8.

Sodelovanje z gospodarstvom (kombinacija akademskega in gospodarskega sveta)

Konferanca Informacijska varnost zaupanje v človeka in tehnologijo 2019

Predsednik organizacijskega in programskega odbora Blaž markelj

Sodelujoče zunanje organizacije: A1, AmCham Slovenija, Abakus, SmartCom, GenaLan, Pošta Slovenije, Telekom Slovenije, Deloitte, RealSecurity, Informatika, AKOS, SIQ, GV Založba.

Konferanca Informacijska varnost zaupanje v človeka in tehnologijo 2020

Predsednik organizacijskega in programskega odbora Blaž markelj

Sodelujoče zunanje organizacije: A1, AmCham Slovenija, CheckPoint, SmartCom, GenaLan, Pošta Slovenije, Telekom Slovenije, Deloitte, UnistarPRO, Astec, Telemach, GV Založba.

Projekti z gospodarstvom:

Hit d.d. Nova Gorica (2017-2018) vodja projekta Blaž Markelj, Igor Bernik
„Vpeljava sistema zagotavljanja varnosti informacij v Hit d.d. Nova Gorica“

A1 Slovenija, vodja projektov Blaž Markelj

Leta 2019 in leta 2020, analiza in priprava potrebnih vsebin za usmerjena izobraževanja zaposlenih.

Podpisani sporazumi o sodelovanju

Organizacije:

AmCham Slovenija (skrbnik sporazuma Blaž Markelj)

SmartCom (skrbnik sporazuma Blaž Markelj)

GenLan (skrbnik sporazuma Blaž Markelj)

Hit d.d. Nova Gorica (skrbnik sporazuma Blaž Markelj)

ISACA (skrbnik sporazuma Blaž Markelj)

Sodelovanje z študenti in njihov nadaljni razvoj kariere

Sara Tomše (etični heking), nadaljevanje kariere na Telekom Slovenija

Branko Miličević, nadaljevanje kariere SIQ

Žan Babič, nadaljevanje kariere na GenLan

Gašper Školč (pametni avtomobili), nadaljevanje kariere na Telekom Slovenija

Maša Dreven, sodelovanje z Deloitte Slovenija

Ida Majerle, ISACA, SIQ, SETCCE

Suzana Kužnik, ISACA, SIQ, NIL

Raziskovalna področja in sodelovanja 2021

Raziskovalne metode

- Luca Caviglione, IMATI - CNR (Italija)
- Sašo Džeroski, IJS (Slovenija)
- Dragi Kocev, IJS (Slovenija)
- Anže Mihelič
- Simon Vrhovec
- Steffen Wendzel, Worms University of Applied Sciences (Nemčija)

Socialna omrežja

- Damjan Fujs, UL FRI
- Simon Vrhovec

Človeški dejavniki kibernetiske varnosti

- **Andraž Hovnik**, študent UM FVV
- **Luka Jelovčan**, študent UM FVV
- Anže Mihelič
- **Samanta Mikuletič**, doktorska študentka FZAB
- Simon Vrhovec
- Boštjan Žvanut, UP FVZ

Razvoj varne programske opreme

- **Damjan Fujs**, doktorski študent UL FRI
- Tomaž Hovelja, UL FRI
- Anže Mihelič, doktorski študent UL FRI
- Damjan Vavpotič, UL FRI
- Simon Vrhovec

Sprejemanje in uporaba tehnologij

- Damjan Fujs, UL FRI
- **Lara Klemenc**, študentka UM FVV
- **Primož Novak**, student UM FVV
- **Tilen Sladič**, študent UM FVV
- **Katja Turha**, študentka UM FVV
- Damjan Vavpotič, UL FRI
- Simon Vrhovec
- Boštjan Žvanut, UP FVZ

Umetna inteliganca v kibernetiski varnosti

- **Aljaž Berčič**, študent UM FVV
- Michal Choras, University of Science and Technology (UTP), Poljska
- **Zvonimir Cvetko Damnjanović**, doktorski študent FiŠ
- Anže Mihelič
- Joerg Keller, FernUniversität in Hagen (FUH), Nemčija
- Simon Vrhovec



Kaja Prislan

Danubius Young Scientist Award 2018

Nagrade študentom



Luka Jelovčan

Študentska raziskovalna nagrada za leto 2020



Damjan Fujs

- Nominacija za Pomursko raziskovalno nagrado
 - Naj asistent UL FRI
 - Priznanje za uspešno pedagoško delo (najboljša študentska ocena)



Fakulteta za varnostne vede

Hvala za pozornost!

Dan Inštituta za varstvoslovje 2021

Inštitut za varstvoslovje

Predstojnik inštituta: prof. dr. Gorazd Meško

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