

ISDFS 2019 Barcelos-Portugal Accepted Paper List

Paper Title	Author Names	Track Name	Status
SmartThings Event Export using SmartApps	Jose Garcia (Sam Houston State University); Cihan Varol (Sam Houston State University)*	Digital Forensics	Accept
A Memory Acquisition Method for Android Application Forensics	xu bowen (哈尔滨工业大学)*	Information Security	Accept
Predicting Daily Activities Effectiveness Using Base-level and Meta level Classifiers	Mohammad Akour (Yarmouk University)*	Computer Science	Accept
Performance Comparison of New Fast Weighted Naïve Bayes Classifier with Other Bayes Classifiers	Gamzepelin Aksoy (Firat University); Murat Karabatak (Firat University)*	Computer Science	Accept
Android Mobile Device Forensics: A Review	Hussein Ferooq Tayeb Alsaadawi (Firat University)*; Cihan Varol (SHSU)	Digital Forensics	Accept
A Review Paper on Cryptography	Nurhayat Varol (Firat University)*; Abdalbasit Mohammed Qadir (Firat University)	Cryptography	Accept
Integrated Android Malware Detection Technique Using Static and Dynamic Analysis.	Ebtesam Jubran Alqahtani (Imam Abdulrahman Bin Faisal University)*; Rachid Zagrouba (Imam Abdulrahman Bin Faisal University); Abdullah Almuhaideb (Imam Abdulrahman Bin Faisal University)	Information Security	Accept
Overview of machine learning methods for Android malware identification	Carlos Serrão (ISCTE - Instituto Universitário de Lisboa)*; João Lopes (ISCTE - Instituto Universitário de Lisboa); Luís Nunes (ISCTE - Instituto Universitário de Lisboa)	Information Security	Accept
Legal and Technical Aspects of Web Forensics	yeşim Ülgen Sönmez (firat üniversitesi)*; Yeşim Ülgen Sönmez (Firat University); Asaf Varol (Firat University)	Digital Forensics	Accept
Defending Against Cyber-Attacks on the Internet of Things	Ghazi Abdalla Abdulrahman (Firat University)*; Hacer Varol (Sam Houston State University)	Information Security	Accept
A New Model for Creating Layer Planes Using Steganography for Text Hiding	Shalaw Mshir (Firat University)*; Asaf Varol (Firat University)	Cryptography	Accept
Comparison of Zigbee, Z-Wave, Wi-Fi, and Bluetooth Wireless Technologies Used in Home Automation	Salim Jibrin Danbatta (Firat University)*; Asaf Varol (Firat University)	Computer Science	Accept
New Methods in Speech Emotion Recognition	yeşim Ülgen Sönmez (firat üniversitesi)*; Asaf Varol (Firat University); Yeşim Ülgen Sönmez (Firat University)	Computer Science	Accept
Application of Similarity-Based Image Steganography Method to Computerized Tomography Images	Songül Karakuş (Firat University)*; Engin Avci (Firat University)	Information Security	Accept
SCADA Testbed for Vulnerability Assessments, Penetration Testing and Incident Forensics	Sundar Krishnan (Sam Houston State University)*; Mingkui Wei (Sam Houston State University)	Information Security	Accept
Augmenting Gabor-based Face Recognition with Global Soft Biometrics	Emad Jaha (King Abdulaziz University)*	Information Security	Accept
Analysis of Malware Hidden Behind Firewalls with Back Scans	Zhiqing Zhang (The University of Tokyo)*; Hiroshi Esaki (University of Tokyo, Japan); Hideya Ochiai (The University of Tokyo)	Information Security	Accept
Digital Forensics: Focusing on Image Forensics	Asaf Varol (Firat University)*; Rayan Alhaddad (Firat University)	Digital Forensics	Accept
An Novel Approach in Designing a Security Workbench with Deep Learning Capabilities and Process Automation	Senthilkumar Vijayakumar (TATA Consultancy Services)*; Gowtham Kumar SP (TATA Consultancy Services); Navneet Nigam (TATA Consultancy Services); Raj Vijay Raj Singh (TATA Consultancy Services)	Computer Science	Accept
Securing Database Management Systems using RAM Serial Numbers	Sapan Noori Azeez (Firat University)*; Serkan Varol (Southeast Missouri State University)	Information Security	Accept
Parameter space dimension reduction for multidimensional signals differential pulse-code modulation interpolator	Aleksei I Maksimov (Samara National Research University)*; Mikhail Gashnikov (Samara National Research University)	Computer Science	Accept
Multidimensional signal interpolation based on parametric space dimension reduction	Mikhail Gashnikov (Samara National Research University)*	Computer Science	Accept
A four-step method for investigating network worm propagation	Tala Tafazzoli (ICT Research Institute (ITRC))*; babak sadeghiyan (amirkabir university of technology)	Digital Forensics	Accept
Speculative Execution Attack Methodologies(SEAM) : An overview and component modelling of Spectre, Meltdown and Foreshadow attack methods.	Andrew Johnson (University of South Wales)*; Ross Davies (University of South Wales)	Information Security	Accept
Face Verification and Recognition for Digital Forensics and Information Security	Giuseppe Amato (CNR-ISTI); Fabrizio Falchi (CNR-ISTI); Claudio Gennaro (CNR-ISTI); Fabio Valerio Massoli (CNR-ISTI); Nikolaos Passalis (Tampere University); Anastasios Tefas (Aristotle University of Thessaloniki); Alessandro Trivillini (University of Applied Sciences of Southern Switzerland); Claudio Vairo (CNR-ISTI)*	Digital Forensics	Accept
Semi-Fragile Watermarking for JPEG Image Authentication: A Comparative Study	Anna Egorova (Samara University)*; Victor Fedoseev (Samara National Research University)	Digital Forensics	Accept
User Profiling Based on Application-Level Using Network Metadata	Faisal Shaman (University of Plymouth)*; Bogdan Ghita (Plymouth University); Nathan Clarke (Plymouth University); Abdulrahman Alruban (University of plymouth)	Information Security	Accept
Continuous Authentication Based on User Interaction Behavior	Long Chen (Chongqing University of Posts and Telecommunications); Yi Zhong (Chongqing University of Posts and Telecommunications)*	Information Security	Accept
A Trust Management Model for IoT	Ahmed Abdulfatah Abdilrazaq (Firat University)*; Serkan Varol (Southeast Missouri State University)	Information Security	Accept
Enhancing security of SDN focusing on control plane and data plane	Barbora Čelesová (FIIT STU); Jozef Valko (FIIT STU); Rudolf Grežo (FIIT STU); Pavol Helebrandt (FIIT STU)*	Information Security	Accept
Capacity of Adaptive Free Space Optical Transmission over Malaga Turbulence with Pointing Error using Truncated Channel Inversion	Dejan Milic (University of Nis); Marko Smilic (University of Pristina); Bojana Nikolic (University of Nis); Eva Tuba (Singidunum University)*; Petar Spalevic (University of Pristina)	Computer Science	Accept
Clustering Algorithm Optimized by Brain Storm Optimization for Digital Image Segmentation	Eva Tuba (Singidunum University)*; Raka Jovanovic (Hamad Bin Khalifa University); Dejan Zivkovic (Singidunum University); Marko Beko (COPELABS, CTS/UNINOVA); Milan Tuba (State University of Novi Pazar)	Computer Science	Accept
Predicting Stealthy Watermarks in Files Using Deep Learning	Maha F Sabir (The Catholic University of America)*; James Jones (George Mason University); Hang Liu (The Catholic University of America); Alex Mbaziira (Marymount University)	Digital Forensics	Accept
Experience of Incorporating NIST Standards in a Digital Forensics Curricula	Sankardas Roy (BGSU)*; Yan Wu (Bowling Green State University); Kristina LaVenia (BGSU)	Digital Forensics	Accept
Analysis of Realistic Attack Scenarios in Vehicle Ad-hoc Networks	Jan Lastinec (FIIT STU)*	Information Security	Accept

Review of Chaotic Based S-Box Structures	Derya Avcı (Firat University)*	Cryptography	Accept
Circle Map for Internet of Things Networks	Peter Szabo (University of Medicine, Pharmacy, Sciences and Technology)*; Bela Genge (University of Medicine, Pharmacy, Sciences and Technology)	Computer Science	Accept
An Integrated Framework to Examine Mobile Users' Pathway from Threat Cognition to Action	Jean-pierre Kuilboer (UMass Boston)*; noushin ashrafi (university of massachusetts boston); daniel lee (university of massachusetts boston); Cristoph schuetz (Johannes Kepler University Linz)	Information Security	Accept
Problems and Prospects of Anti-Theft and Mobile Phone Tracking: a Case in Nigeria	Ilyasu Mr Adam (Firat University); Asaf Varol (Firat University)*; Cihan Varol (SHSU)	Computer Science	Accept
A Security-Enhanced Interoperability Middleware for the Internet of Things	Hunor Sándor (Kalos Information Systems)*; Bela Genge (Kalos Information Systems); Piroska Haller (Kalos Information Systems);	Computer Science	Accept
Security Enhancement in Storage Area Network	souheil chukry (aou); Hassan M. Sbeyti (aou)*	Information Security	Accept
A Comparative study of COAP and MQTT communication protocols	Samer Fawaz Hamdani (public Lebanese university, Faculty of computer science); Hassan M. Sbeyti (aou)*	Computer Science	Accept
Image and Video Processing Applications Using Xilinx System Generator	Sertaç Yaman (Firat University); Merve Yildirim (Firat University)*; Bircan KAMIŞLIOĞLU (FIRAT UNIVERSITY); Yavuz Erol (Firat University); Hasan Kurum (Unknown)	Computer Science	Accept
Measuring the effects of emojis on Turkish context in sentiment analysis	Burak Parlak (Galatasaray University)*; Çağatay Yurtöz (Galatasaray University)	Computer Science	Accept
Chaotic Analysis of Radon Gas (222Rn) measurements in Lesvos Island: Detrended Fluctuation Analysis (DFA)	Miraç Kamaşlıoğlu (Üsküdar Üniversitesi)*	Computer Science	Accept
Human vs Bots: Detecting Human Attacks in a Honey-pot Environment	Shreya Udhani (University of Illinois at Urbana-Champaign)*; Masooda Bashir (UIUC); Alexander Withers (UIUC)	Digital Forensics	Accept
A Novel Hybrid Image Encryption Algorithm Based on Data Compression and Chaotic Key Planning Algorithms	Fatih Ozkaynak (Firat University, TR)*	Cryptography	Accept
Thwarting C2 Communication of DGA-Based Malware using Process-level DNS Traffic Tracking	Anjali Menon (University of Illinois at Urbana-Champaign)*	Information Security	Accept
Feature Extraction of ECG Signal by using Deep Feature	Aykut Diker (Bitlis Eren University)*; Engin Avcı (university of firat)	Computer Science	Accept
Elektronik Ortamdaki Veriler ve Belgede Sahtecilik Suçları (Electronic Datas and Forgery of Documents Offenses)	ihsan Basturk (Supreme Court of Cassation, Turkey)*; Çetin ARSLAN (Hacettepe University)	Digital Forensics	Accept
A Statistical Modulation Type Identifier for Remote Keyless Entry Transmitters Based on Extended Energy Detector	Özgür Alaca (Istanbul Commerce University)*; Ali Boyacı (Istanbul Ticaret Üniversitesi); Serhan Yarkan (Istanbul Commerce University); Muhammet Ali Aydın (Istanbul University)	Data Privacy	Accept
A survey On Backbone Attack	Mehmet Yavuz Yağcı (Istanbul Üniversitesi - Cerrahpaşa); Ebu Yusuf Güven (Istanbul Üniversitesi-Cerrahpaşa)*; Ali Boyacı (Istanbul Ticaret Üniversitesi); Serhan Yarkan (Istanbul Commerce University); Muhammet Ali Aydın (Istanbul University)	Information Security	Accept
A Stenography Application for Hiding Student Information into an Image	Yıldray Yiğit (Bitlis Eren University); Murat Karabatak (Firat University)*	Computer Science	Accept
A Research on Security Vulnerabilities in Online and Mobile Banking Systems	Nilay Yıldırım (Firat University)*; Asaf Varol (Firat University)	Information Security	Accept
DETERMINING THE EFFECTIVENESS OF DATA REMANENCE PREVENTION IN THE AWS CLOUD	James Jones (George Mason University)*; Bradley Snyder (George Mason University)	Computer Science	Accept
Prototype of a paranoid mobile operating system distribution	Maria Manuela Cruz Cunha (Polytechnic institute of Cavado and Ave, Portugal)*; Nuno Coelho (UTAD); Miguel Peixoto (IPCA)	Computer Science	Accept