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Program

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Shachar Siboni (Ben-Gurion University of the Negev, Israel), Asaf Cohen (Ben-Gurion University of the Negev, Israel)	B #5
<i>Bootstrap-based Proxy Reencryption for Private Multi-user Computing</i>	
Juan R. Troncoso-Pastoriza (University of Vigo, Spain), Serena Caputo (University of Vigo, Spain)	B #5

Lecture Session 5 Forensic Analysis

Multiple JPEG compression detection by means of Benford-Fourier coefficients

Cecilia Pasquini (DISI, University of Trento, Italy), Giulia Boato (University of Trento, Italy),
Fernando Pérez-González (University of Vigo, Spain) B #5

Adaptive Matching for Copy-Move Forgery Detection

Mohsen Zandi (Shahid Beheshti University, Iran), Ahmad Mahmoudi-Aznavah (Shahid
Beheshti University, Iran), Azadeh Mansouri (Kharazmi University, Iran) B #5

Multi-Clue Image Tampering Localization

Lorenzo Gaborini (Politecnico di Milano, Italy), Paolo Bestagini (Politecnico di Milano, Italy),
Simone Milani (Politecnico di Milano & University of Padova, Italy), Marco Tagliasacchi
(Politecnico di Milano, Italy), Stefano Tubaro (Politecnico di Milano, Italy) B #5

Unsupervised Feature Learning For Bootleg Detection Using Deep Learning Architectures

Michele Buccoli (Politecnico di Milano, Italy), Paolo Bestagini (Politecnico di Milano, Italy),
Massimiliano Zanoni (Politecnico di Milano University, Italy), Augusto Sarti (Politecnico di
Milano, Italy), Stefano Tubaro (Politecnico di Milano, Italy) B #5

The optimal attack to histogram-based forensic detectors is simple(x)

Pedro Comesaña (University of Vigo, Spain), Fernando Pérez-González (University of Vigo,
Spain) B #5

WIFS Poster Session

Optimal Effective Capacity for Secure Information Transmission with Partial Channel Knowledge

Hua Tian (Xi'an Jiaotong University, P.R. China), Gangming Lv (Xi'an Jiaotong University, P.R.
China), Chao Zhang (Xi'an Jiaotong University, P.R. China) B #5

Lecture Session 6: Forensic Analysis

Splicing Forgeries Localization through the Use of First Digit Features

Rudy Becarelli (University of Florence, Italy), Irene Amerini (University of Florence, Italy),
Roberto Caldelli (University of Florence & Interuniversity Consortium for Telecommunications
- CNIT, Italy), Andrea Del Mastio (University of Florence, Italy) B #5

A feature-based approach for image tampering detection and localization

Luisa Verdoliva (Università Federico II di Napoli, Italy), Davide Cozzolino (Università Federico
II di Napoli, Italy), Giovanni Poggi (Università Federico II di Napoli, Italy) B #5

Forensic Characterization of Pirated Movies: Digital Cinema Cam vs. Optical Disc Rip

Bertrand Chupeau (Technicolor, France), Séverine Baudry (Technicolor, France), Gwenaël
Doërr (Technicolor & Technicolor R&D France, France) B #5

Video forensics based on expression dynamics

Duc-Tien Dang-Nguyen (DIEE - University of Cagliari, Italy), Valentina Conotter (DISI -
University of Trento, Italy), Giulia Boato (University of Trento, Italy), Francesco G.B. De
Natale (University of Trento, Italy) B #5

Theoretical Model of the FLD Ensemble Classifier Based on Hypothesis Testing Theory

Rémi Cogranne (Troyes University of Technology - ICD - LM2S - UMR STMR CNRS, France),
Tomas Denmark (Binghamton University, USA), Jessica Fridrich (SUNY, USA) B #5

Lecture Session 7: Statistical Methods in Security

Analysis of the Security of Compressed Sensing with Circulant Matrices

Tiziano Bianchi (Politecnico di Torino, Italy), Enrico Magli (Politecnico di Torino, Italy) B #5

<i>Optimal Detection of OutGuess using an Accurate Model of DCT Coefficients</i> Thanh Hai Thai (University of Technology of Troyes, France), Rémi Cogranne (Troyes University of Technology - ICD - LM2S - UMR STMR CNRS, France), Florent Restraint (UTT, France)	B #5
<i>Rich Model for Steganalysis of Color Images</i> Miroslav Goljan (SUNY Binghamton, USA), Jessica Fridrich (SUNY, USA), Rémi Cogranne (Troyes University of Technology - ICD - LM2S - UMR STMR CNRS, France)	B #5
<i>Secure Compressed Sensing over Finite Fields</i> Valerio Bioglio (Politecnico di Torino, Italy), Tiziano Bianchi (Politecnico di Torino, Italy), Enrico Magli (Politecnico di Torino, Italy)	B #5
<i>Source Distinguishability under Corrupted Training</i> Benedetta Tondi (University of Siena, Italy), Mauro Barni (University of Siena, Italy)	B #5

Lecture Session 8: Anomaly Detection

<i>Anomaly Traceback using Software Defined Networking</i> Jérôme François (INRIA Nancy Grand Est, France), Olivier Festor (INRIA Nancy - Grand Est, France)	B #5
<i>Video Anomaly Detection based on Wake Motion Descriptors and Perspective Grids</i> Roberto Leyva (University of Warwick, United Kingdom), Victor Sanchez (University of Warwick, United Kingdom), Chang-Tsun Li (University of Warwick, United Kingdom)	B #5
<i>Can Leakage Models Be More Efficient? Non-Linear Models in Side Channel Attacks</i> Qizhi Tian (Queen's University Belfast & Center for Secure Information Technologies, United Kingdom), Maire O'Neill (Queen's University, United Kingdom), Neil Hanley (Queen's University Belfast, United Kingdom)	B #5
<i>Malware Detection Using HTTP User-Agent Discrepancy Identification</i> Martin Grill (Czech Technical University in Prague & Cisco Systems, Czech Republic), Martin Rehak (Czech Technical University in Prague & Cognitive Security, Czech Republic)	B #5
<i>Fair Resource Allocation Under an Unknown Jamming Attack: A Bayesian Game</i> Andrey Garnaev (WINLAB, Rutgers University, USA), Wade Trappe (WINLAB, Rutgers University, USA)	B #5