

## Scientific committee

### Prof. Sebastiano Battiato

Department of Computer Science,  
University of Catania

### Prof. Alberto Policriti

Department of Computer Science,  
Mathematics and Physics, University of Udine

### Prof. Andrea Scella

Department of Law, University of Udine

### Prof. Liljana Selinšek

Ministry of Justice of Republic of Slovenia

### Dott. Federico Costantini

Department of Law, University of Udine

## Organizers

### Concept

Federico Costantini

### Support

Fausto Galvan,  
Marco Alvisè De Stefani, David D'Agostini  
(Comitato Digital Forensics Udine)

## Info and registration

<https://cbdf.uniud.it>

## Crediti

**Il Consiglio dell'Ordine degli Avvocati di Udine  
riconosce 6 crediti ai fini dell'aggiornamento  
professionale**

## Organization



**UNIVERSITÀ  
DEGLI STUDI  
DI UDINE**  
hic sunt futura

DIPARTIMENTO  
DI SCIENZE  
GIURIDICHE

SCUOLA  
SUPERIORE

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## Partnership

DIGITAL FORENSICS



**Consiglio nazionale  
delle ricerche  
Istituto di Teoria  
e tecniche  
dell'informazione  
giuridica**

Cover image: "Technological mandala 14 - Blooming eye (closeup)", © Leonardo Ulian



## International Conference

# Cross-Border Digital Forensics

Thursday,  
28th September 2017

Aula T9, Palazzo  
di Toppo Wasserman,  
via Gemona 92, Udine

Evidence is crucial in legal thought since it is placed between Legal Science and Legal Philosophy, Epistemology and Hermeneutics, Interpretation and Rhetoric.

The concept of evidence has been revisited in order to keep pace with new technologies. Among the social changes triggered by ICTs, very remarkable are those afflicting legal systems and specifically values, rules and concepts they are made of. Indeed, nowadays technology allows to trace with extreme accuracy human behaviour – on-line and off-line – and so to easily obtain proof of such actions, likewise it provides tools to avoid detection and identification, to encrypt messages and to bypass warranties of genuineness or authenticity of the data collected.

Different approaches, methods and competences are needed by each party in court – prosecutors, lawyers, judges – in order to discuss such information in courts. In short, Digital forensics is the field of forensics sciences tackling such issues. Many initiatives have been adopted in order to foster investigative authorities' international cooperation and to balance their legitimate prerogatives with defendants' rights, from the Budapest Convention on Cybercrime of 2001 of the European Council to the most recent European Investigative Order (Dir 2014/41/UE) which in Italy came into force on the 28<sup>th</sup> of July 2017 with the D. Lgs. 108/2017.

The purpose of this conference is to discuss such questions within the European Union and in a cross-border and interdisciplinary perspective. It is specifically aimed at involving academics, officers, witness consultants, defendants of three bordering countries (Austria, Slovenia, Italy).

The conference is hosted by the “Scuola Superiore” of the University of Udine – being the final event of the course “Knowledge and Understanding in the Digital Era” – and it is co-organized in conjunction with the Department of Law of the University of Udine and the Institute of Legal Information Theory and Techniques of Florence (Italian National Research Council) under the patronage of the Bar Association and the Lawyers' Criminal Chamber of Friuli. This event follows the success of a previous conference held in 2012 ([www.digitalforensics.ud.it](http://www.digitalforensics.ud.it)).

**8:30**  
**Registration**

**9:00**  
**Authorities**  
**Welcome Addresses**

**Elena D'Orlando**  
Delegate of the Rector

**Andrea Tabarroni**  
Director of the Scuola Superiore

**Marina Brollo**  
Director of the Department of Law

**Antonio De Nicolo**  
Chief Prosecutor of Udine

**Maurizio Conti**  
President of Udine's Bar Association

**Raffaele Conte**  
President of the Lawyers' Criminal Chamber of Friuli

**Dario Tion**  
C.E.O. LegalEYE

**10:00**  
**International Conference**

10:00 - 10:10  
*Introduction*

**Federico Costantini**  
University of Udine

10:10 - 10:50  
*Issues in Cross-Border Police/Criminal Justice*  
*Data Flow in the European Union*

**Erich Schweighofer**  
University of Vienna, Austria

10:50 - 11:30  
*The Paradox of Encryption:*  
*can Encryption facilitate Digital Investigations?*  
**Primož Gorkič**  
University of Ljubljana, Slovenia

**11:30 - 11:50**  
**Coffee Break**

11:50 - 12:30  
*Challenges and Opportunities in Cross-Border Data Exchange. Lessons learnt from “Project Evidence”*

**Maria Angela Biasiotti**  
Institute of Legal Information Theory and Techniques (CNR), Italy

**12:30 - 13:00**  
**Discussion**

**14:30**  
**International Workshop**  
**Hard Cases of Cross-Border**  
**Digital Forensics**

14:30 - 14:50  
*Introduction of the moderator*  
**Mattia Epifani**  
ONIF Association

14:50 - 15:00  
**Fausto Galvan**  
Prosecutor's Office of Udine

15:00 - 15:20  
**Andrea Raffaelli**  
Ten. Col. R.O.S. Carabinieri, Rome, Italy

15:20 - 15:40  
**Ernst Österreicher**  
Chief Inspector, Criminal Investigation Unit of the Cybercrime Competence Center (C4), Austria

15:40 - 16:00  
**Aleš Ulčar**  
Criminal Police Inspector Specialist, Cybercrime Department of the Police Directorate Koper, Slovenia

**16:00 - 16:20**  
**Coffee Break**

16:20 - 16:30  
*Tools for digital forensics: an overview*  
**Fabrizio Turchi**  
Institute of Legal Information Theory and Techniques (CNR), Italy

**16:30 - 17:00**  
**Discussion**

**17:00**  
**Questions & Answers with**  
**Nhien-An Le-Khac\***  
Centre for Cybersecurity & Cybercrime Investigation, University College, Dublin, Ireland

**18:30**  
**Conclusion**

\* Participants are encouraged to submit questions for the host through our website before the conference.