



Centro Documentazione Sicurezza Urbana e Polizia Locale Urban Safety and Local Police Documentation Centre

Under the patronage of



Comune di Tarvisio



IPA

International Police Association
Esecutivo Locale Tarvisio

recognition of 2 (two) training credits by



INNOVATIVE TECHNIQUES FOR CRIMINAL POLICE OPERATIONS AND DEFENSIVE INVESTIGATIONS

Free seminar for members of the police forces and lawyers on web-intelligence and social media analysis, the use of UAVs (drones) for investigations, facial expression analysis during investigative interviews.

5 May 2017

Tarvisio – Centro Culturale “Julius Kugy”

Via Giovanni Paolo II n. 1

Nowadays, police forces are forced to deal with an increasingly complex reality and with ever-changing social dynamics. As a consequence, investigations need innovative analytic tools appropriate for the different aspects of police activity.

Similarly, lawyers that carry out defensive investigations can benefit from techniques that allow a more efficient collection of information to assist their client.

The goal of this free seminar is to provide an overview of the most innovative and modern techniques that can be used by both police forces and lawyers:

- **web-intelligence**, which together with **social media analysis** facilitates the collection of information from the internet – even automatically thanks to special software – accelerating criminal identification or allowing crime prevention. In the case of defensive investigations, these techniques can support lawyers in collecting data useful to clear their client of all charges.
- **Facial expression analysis**, which is of great importance during investigative interviews and **can highlight some aspects of the deposition, allowing the interviewer (police or lawyer) to understand whether or not the person interviewed is telling the truth.**
- The use of **unmanned aerial vehicles (UAVs) or drones in police and forensic investigations, a technique that can be particularly useful in the case of environmental crimes.**

During the seminar, practical examples of the different techniques will be provided.

SCHEDULE

8.30 Registration

9.00 WELCOME ADDRESSES BY THE AUTHORITIES

Renato Carlantoni – Mayor of Tarvisio

(Provincial authorities have been invited - Representatives of the Slovenian and Austrian Police forces have been invited)

Moderator: **Sergio Bedessi** – *President of Centro Documentazione Sicurezza Urbana e Polizia Locale (CEDUS) – Urban Safety and Local Police Documentation Centre*

9.20 *Web-intelligence and social media analysis*, as useful tools for criminal police and defensive investigations. Available techniques and practical possibilities. Examples of *social media analysis*.

Professor Paolo Omero

Professor of Web Technologies at the University of Udine and expert of social media analysis, text mining, and opinion analysis; member of the Info-Factory team, a spin-off of the University of Udine.

10.30: BREAK

10.40 Facial expression analysis during investigative interviews. Useful tools for police forces and lawyers. Examples of emotion recognition and correlations with the truthfulness of the statements given during investigative interviews.

Jasna Legiša, Ph.D.

Behavioral analyst, University Professor, and Director of the NeuroComScience research center.

11.50 The use of unmanned aerial vehicles (UAVs) or drones in police and forensic investigations. Examples, problems, and the evolution of the Italian Civil Aviation Authority's regulation.

Professor Francesco Missarino

Principal of the "Gen. Umberto Nobile" Aviation College, pilot, and teacher

13.00 Q&A

13.30: CONCLUSION

For additional information, please write to: info@cedus.it To register, please write to: eventi@cedus.it



Centro Documentazione Sicurezza Urbana e Polizia Locale
Urban Safety and Local Police Documentation Centre

www.cedus.it

CEDUS – Centro Documentazione Sicurezza Urbana e Polizia Locale – via Mannelli 83 – 50136 Firenze - Italy