Francesca Bosco

http://www.unicri.it/
http://www.techandlaw.net/
UNICRI 04 / 2007 - Present

Main programs: UNICRI strategic response to cybercrime and online abuse Hackers Profiling Project
Projects related to fundamental rights: PROFILING-PROtecting citizens' rights Fighting ILlicit profilING LIGHT ON-Cross-community actions for combating the modern symbolism and languages of racism and discrimination Programs related to women and children: Program to combat trafficking of minors and young women from Nigeria to Italy European Survey on Violence Against Women Strengthening Juvenile Justice in Mozambique Project for completing the Juvenile Justice System in Angola

Lecturer at NATO Center of Excellence Defence against Terrorism

TECH AND LAW CENTER 12 / 2011 - Present
EC3, EUROPOL 10 / 2013 - Present

Following a feasibility study conducted by Rand Corporation Europe, the European Commission decided to establish a European Cybercrime Centre (EC3) at Europol. The Centre will be the focal point in the EU's fight against cybercrime, contributing to faster reactions in the event of online crimes. It will support Member States and the European Union's institutions in building operational and analytical capacity for investigations and cooperation with international EC3 officially commenced its activities on 1 January 2013 with a mandate to tackle the following areas of cybercrime:

That committed by organised groups to generate large criminal profits such as online fraud
That which causes serious harm to the victim such as online child sexual exploitation
That which affects critical infrastructure and information systems in the European Union
EC3 aims to become the focal point in the EU's fight against cybercrime, through building operational and analytical capacity for investigations and cooperation with international partners in the pursuit of an EU free from cybercrime.

The European Cybercrime Centre is hosted by Europol; the European law enforcement agency in The Hague, The Netherlands, and thus EC3 can draw on Europol's existing infrastructure and law enforcement network.

EUROPEAN COMMISSION 03 / 2014 - Present
EUROPEAN COMMISSION 02 / 2014 - Present
HORIZON 2020 Advisory Group on Secure Societies
CENTRIC 09 / 2013 - Present
CENTRIC is a multi-disciplinary and end-user focused research network, located within the Cultural, Communication and Computing Research Institute (C3RI) at Sheffield Hallam University. The global reach of the CENTRIC network now links both academic and professional expertise across a range of disciplines providing unique opportunities to The strategic aim of CENTRIC is to facilitate the triangulation between the four key stakeholders in the security domain; • Government • Academia • Public • Private industry

The mission of CENTRIC is to provide a platform for researchers, practitioners, policy makers and the public to focus on
UNICRI 04 / 2006 - 04 / 2007
Scholarship from Fondazione Cassa di Risparmio di Torino-"Master dei Talenti"-year 2006
http://www.fondazionecrt.it/index/attivita/progettiFondazione/masterTalenti

Main Projects: Trafficking in Human Beings in Peace Support Operations Project against Trafficking in Minors in Central America Fighting against Cyber Crime Programme against corruption and organized crime in Serbia
UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA 2012 - 2015
UNIVERSITÀ DEGLI STUDI DI TORINO 2000 - 2005
Law , International Law, International Organizations, International Human Rights

2004: Exchange Program-Mc Gill University, Montreal, QC, Canada. Main Field: International Human Rights Law, Humanitarian Law, International Trade Law. 2004: Summer School of the San Diego Law School - Trinity College, Dublin, Ireland. Main Field: International Human Rights Law. 2002: International Summer School-Cambridge

Master dei Talenti, 2006 edition-Fondazione CRT, Italy

Law, technology, information and knowledge Cybercrime Cybersecurity Cyberterrorism and cyberwar Open data
International law Human rights Cooperation and Development Restorative Justice Contemporary art and photography Design and architecture Contemporary literature Music Philosophy Jogging and Tech and Law Center, http://www.techandlaw.net/ Cybercrime Institute, http://cybercrime.de/

GUIDELINES FOR INDUSTRY ON CHILD ONLINE PROTECTION 2014

ITU · Authors: Francesca Bosco ·
http://www.itu.int/en/cop/Documents/bD_Broch_INDUSTRY_E.PDF

These new Guidelines for Industry on Child Online Protection provide a framework for the increasingly broad range of companies that develop, provide or make use of information and communication technologies in the delivery of their products and services. Such companies are especially well positioned to drive innovative solutions, creating digital platforms that can

expand educational opportunities and enable children and young people both to engage in the civic life of their communities to become truly global citizens.

CYBER CRIME AND CYBER TERRORISM INVESTIGATOR'S HANDBOOK, 1ST EDITION 2014

Elsevier · Authors: Francesca Bosco, Babak Akhgar (FBCS) · http://store.elsevier.com/product.jsp?

Cyber Crime and Cyber Terrorism Investigator's Handbook is a vital tool in the arsenal of today's computer programmers, students, and investigators. As computer networks become ubiquitous throughout the world, cyber crime, cyber terrorism, and cyber war have become some of the most concerning topics in today's security landscape. News stories about Stuxnet and PRISM have brought these activities into the public eye, and serve to show just how effective,controversial, and worrying these tactics can become.

Cyber Crime and Cyber Terrorism Investigator's Handbook describes and analyzes many of the motivations, tools, andtactics behind cyber attacks and the defenses against them. With this book, you will learn about the technological and logistic framework of cyber crime, as well as the social and legal backgrounds of its prosecution and investigation. Whether you are a law enforcement professional, an IT specialist, a researcher, or a student, you will find valuable insight into the world of cyber crime and cyber warfare. Edited by experts in computer security, cyber investigations, and counter-terrorism, and with contributions from computer researchers, legal experts, and law enforcement professionals, Cyber Crime and Cyber Terrorism Investigator's Handbook will serve as your best reference to the modern

SECURITY OF THE DIGITAL NATIVES 04 / 2014

Tech and Law Center · Authors: Francesca Bosco, valeria ferraris, Davide AriuPAS, private private, Pierluigi

Perri, Giuseppe Vaciago · http://www.techandlaw.net/homepage/security-digital-natives.html

The present report represents the first phase of a project aiming at understanding university students' perception of

security related to mobile devices. The following phase envisages awareness raising and training events in various

EU SHOULD EXPLOIT ITS STRENGTHS TO COUNTER TERRORIST USE OF THE INTERNET 03 / 2014

Security Europe (SecEUR) · Authors: Francesca Bosco, Arthur Brocato Jr · http://www.seceur.info/en/euro-

THE IMPACT OF PROFILING ON FUNDAMENTAL RIGHTS 12 / 2013

SSRN · Authors: Francesca Bosco, valeria ferraris, elena dangelo · http://papers.ssrn.com/sol3/papers.cfm?

The respect of human rights is essential to guarantee democracy and rule of law. But in a world where new technologies fundamentally change social relations and practices, it is not

always clear what human rights and the rule of law actually mean, and how respect for human rights can be safeguarded. What happens when individuals are not primarily treated as persons of flesh and blood, but on the basis of digital representations? How does automated

profiling affect individuals' fundamental rights and fundamental societal values?

This paper, one of the results of the European PROFILING project, first elaborates the concepts of profiles and digital personae and describes how profiling is used in different application areas: anti-money laundering and counterterrorism, fraud prevention, employment and education, and ehealth.

Next, the impact of profiling on fundamental values, such as autonomy and the rule of law, and fundamental rights such as privacy, data protection and non-discrimination, is discussed. The paper then analyses how the European legal

frameworks, including Convention 108, the Council of Europe's 2010 Recommendation on profiling, the European Convention on Human Rights, the Data Protection Directive and the proposed General Data Protection Regulation, deal with the challenges of profiling to fundamental rights. Based on this analysis, three possible directions for enhancinglegal protection against adverse effects of profiling are identified.

DEFINING PROFILING 12 / 2013

SSRN · Authors: Francesca Bosco, valeria ferraris, elena dangelo · http://dx.doi.org/10.2139/ssrn.2366564

Profiling is a highly evocative term with multiple meanings, used in both specialist and non-specialist contexts. Drawing attention to the innovative feature of profiling as a form of non-representational, probabilistic knowledge, this paper focuses on machine profiling. It aims to elaborate a suitable definition that captures the main features of this new formof generating and applying knowledge. The paper is divided in four parts. Part one explores the distinctive elements of profiling. It discusses some existing concepts and distinctions (such as the meaning of organic, human and machine profiling; non-automated and autonomic profiling; group and individual profiling; direct and indirect profiling) and it provides basic information on Knowledge Discovery in Databases and data mining, as key enablers of profiling. It also presents the most relevant sources of profiling, such as behavioural, biometric and location data. Part two discusses the EU legal framework, including the present discussions on the proposed data protection Regulation and Directive, together with relevant recommendations of the Council of Europe to highlight how profiling is defined and conceptualised in the fields of data protection and antidiscrimination. Part three gives an overview of different domains of application, including the security, law enforcement and counter-terrorism domain, the financial sector, healthcare, employment, marketing, and social media. In the final part, the paper develops a definition of profiling.

TERRORIST USE OF THE INTERNET 2013

Capacity Building in the Fight Against Terrorism, IOS Press · Authors: Francesca Bosco ·

hl=it&lr=&id=xYbCAQAAQBAJ&oi=fnd&pg=PA39&dq=terrorist+use+of+the+internet&ots=3Vq vc0HAVI&sig=_KumDfb-1UeVQ-4pO1HPxG26RmM#v=onepage&q=terrorist%20use%20of%20the%20internet&f=false

PRIVACY OF THE DIGITAL NATIVES 05 / 2012

May 2012 · Authors: Francesca Bosco, Giuseppe Vaciago ·
http://www.techandlaw.net/papers/privacy-of-the-

Even if the term "digital native" have been debated for years by several esteemed scholars, this article aims to seek the digital natives' attitude towards data protection and safety. It is fundamental, in a society which is evolving so fast, not to focus solely on the present, but to endeavour to improve the future by paying the utmost attention to the new generations. What balance of interests must we achieve between privacy vs transparency, secrecy vs security, reputation vs freedom of expression in a world of internet which is increasingly regulated by Moore's Law, rather than by state
legislation? The purpose is to analyze the current tension between privacy and other fundamental rights from a

predominantly legal standpoint, pointing out that the solutions adopted by legislation and case law are not sufficient

and that maybe it is also necessary to reconsider this value from an ethical viewpoint.

(ITA) DIRITTO DELL'INTERNET 2012

CEDAM · Authors: Francesca Bosco, A cura di: Cassano Giuseppe, Vaciago Giuseppe, Scorza Guido ·

http://shop.wki.it/EsplosoPDF.aspx?IDProdotto=392527&nomepdf=~/documenti/00140552_ind.pdf

Il decreto sviluppo-bis di recente emanazione apre il varco alla c.d. agenda digitale e conferma l'importanza delle

Il decreto sviluppo-bis di recente emanazione apre il varco alla c.d. agenda digitale e conferma l'importanza delle

tematiche connesse al diritto dell'internet. Nel presente testo si sono volute analizzare, escluse le tematiche de iure

condendo, tutte le questioni che hanno suscitato e che susciteranno in tema il contenzioso legale, indicandosi

sapientemente tutta la giurisprudenza di riferimento. Il testo è stato affidato ai massimi esperti della materia e

comprende, con taglio che coniuga approfondimento ed operatività, la disciplina civilistica, amministrativa e penale

relativa all'utilizzo delle tecnologie telematiche in genere e dell'Internet in particolare, allo scopo di approfondire gli aspetti problematici che tali contesti prospettano all'operatore professionale. Si è privilegiato un taglio sostanziale della riflessione, citandosi nei casi opportuni le questioni e/o le strategie processuali "utili" per l'avvocato. Completa il testo la

UNICRI : KNOWLEDGE AND INFORMATION ON EMERGING THREATS 2010

Flare Magazine · Authors: Francesca Bosco ·

http://flarenetwork.org/report/enquiries/article/unicri_knowledge_and_information_on_emerging_threats.htm

GUIDELINES ON CHILD ONLINE PROTECTION FOR POLICY MAKERS 2009

ITU · Authors: Francesca Bosco · http://www.itu.int/en/cop/Pages/guidelines.aspx

SECURITY SECTOR RESPONSES TO HUMAN TRAFFICKING, CHAPTER 1: HUMAN TRAFFICKING PATTERNS.2009

DCAF · Authors: Francesca Bosco, Vittoria Luda di Cortemiglia, Anvar Serojitdinov · http://www.dcaf.ch/

ELIMINATING VIOLENCE AGAINST WOMEN: FORMS, STRATEGIES AND TOOLS, PAPER ON EXCHANGE OF JUDICIAL INFORMATION TO IMPROVE PROSECUTION OF VIOLENCE AGAINST WOMEN AND GIRLS AND PROVIDE TIMELY ASSISTANCE TO THE VICTIM

UNICRI · Authors: Francesca Bosco ·

http://www.unicri.it/wwk/publications/books/docs/eliminating_violence.pdf

COUNTERFEITING: A GLOBAL SPREAD, A GLOBAL THREAT 2007

UNICRI · Authors: Francesca Bosco, Marco Musumeci · http://counterfeiting.unicri.it/resources.php

TRAINING MANUAL ON TRAFFICKING IN HUMAN BEINGS IN PEACE SUPPORT OPERATIONS-PRE-DEPLOYMENT/IN-SERVICE TRAINING PROGRAMME FOR INTERNATIONAL LAW-ENFORCEMENT PERSONNEL

UNICRI · Authors: Francesca Bosco, UNICRI Counter Human Trafficking and Organized Crime team ·

http://www.unicri.it/emerging_crimes/human_trafficking/peacekeeping/

PATTERNS OF HUMAN TRAFFICKING IN "STRATEGIES AGAINST HUMAN TRAFFICKING: THE ROLE OF THE National Defence Academy and Austrian Ministry of Defence and Sports, DCAF · Authors: Francesca Bosco, Anvar SM, vittoria luda di cortemiglia · http://www.dcaf.ch/Chapter-Section/Ch.-1-Human-Trafficking-Patterns

The chapter provides an overview of global trafficking patterns. It begins with an analysis of the extent of the

phenomenon before going on to examine some of its main features and causes. Part 1 of this chapter covers data collection constraints, existing figures on human trafficking, including different datasets and data collection efforts on the national, regional and global level, as well

as some common assumptions. Parts 2 and 3 focus on the forms and prevalence of human trafficking in different regions, while part 4 provides general information on the types of criminals and criminal structures involved. It contains also a brief description of the profiles of victims of trafficking and the risks and hardships that they incur. Parts 5 and 6 analyse the factors that drive the crime and its consequences. Part 7 deals with prevention, prosecution and protection. It also covers various measures and types of national and international cooperation in the fight against human trafficking. The chapter concludes with commendations.

Specific and detailed aspects of the complex issue presented in this chapter will have dedicated chapters further on in