LECTURE: Legal Informatics [and Data Protection]

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WINTER/SPRING Semester : Winter

HOURS:

ASSESSMENT:

- General course available to PHD students of 1st year

- Credit requirements: (active participation in classes ?)

- Duration: 16.30-19:00 (4 x 45 minutes) every two weeks (for a total of … hours)

- Commencement date:

**COURSE AIMS AND CONTENT:**

The aim of the course is to familiarise students with the terminology and basic concepts of information technology in the field of ICT and databases, as well as legal regulations and problems related to the application and use of ICT networks, including i.a. issues of data protection, privacy protection and legal regulation of the information society.

Main subjects discussed during the course: the concept of virtualisation, virtual reality and virtual space, the statutory definition of virtual space; basic concepts related to ICT (topologies, models, data transmission, protocols, addressing, IP datagrams); Databases; obtaining legal information; threats in cyberspace and security policy (unauthorised access, DoS attacks, viruses, spamming, spoofing, phishing, pharming, firewall and proxy); securing data in virtual space – basic concepts of cryptology; legal aspects of services in the information society (the concept of information society and information society services, data transmission and electronic transactions at distance; trust services and electronic signature (concept, selected methods for designing and authenticating digital signature, electronic signature in law); privacy and information protection in cyberspace, crimes in cyberspace (legal regulation of privacy protection, cross-border flow and retention of data, virtualisation problems – e.g. cloud computing, Google Street View, Facebook; violation of information integrity, legitimate data capture, fraud, cyber-terrorism, network anonymity and attempts to limit it, blocking content and websites on the Internet).

**KNOWLEDGE TO BE ACQUIRED:**

The students will become adept in how to search, analyse and interpret legal information on information society services and activities in cyberspace, identify threats and legal problems in cyberspace and their interpretation, identify new threats as a result of the development of technology, analyse legal issues related to the use of these technologies and defining the legal status of activities performed in virtual space.

**EDUCATIONAL OUTCOMES:**
**Knowledge:**
Familiarising students with the basic concepts of ICT as well as regulations and legal problems associated with the use of ICT networks, including data protection issues, privacy protection and legal regulation of information society.

**Skills:**
Familiarising students with the methods of search, obtaining, analysis and interpretation of legal information regarding information society services and activities in the cyberspace, as well as to recognise threats and legal issues in cyberspace and their interpretation, analysing the legal

consequences of such actions and determine the legal status of activities performed in the cyberspace.

**Social Competence:**
Familiarising students (at a basic level) with the methods of analysing and solving legal problems in cyberspace, identifying new threats emerging from the development of technology and to analyse legal issues associated with the use of such technologies.

**TIME & VENUE:**
INP PAN (Staszic Palace), room 273, Monday16.30-19.00.

**SHORT DESCRIPTION OF THE CLASSES AND CORRESPONDING LITERATURE**

Lecture, discussion, analysis and interpretation of source texts.
Presentation of basic concepts of the legal aspects of ICT.
Presentation of methods to search, analyse and interpret legal information concerning information society and activities in the cyberspace, identification of risks and legal issues in cyberspace, their interpretation and analysis of the effects of such activities.
Presentation of methods to search, analyse and interpret legal information concerning information society and activities in the cyberspace, identification of risks and legal issues in cyberspace, their interpretation and analysis of the effects of such activities

**Literature:**
1. Chris Reed, *Making Laws for Cyberspace*, OUP Oxford, 2012
2. Andrej Savin, *EU Internet Law* (Elgar European Law Series), Edward Elgar Publishing Ltd, 2013
3. J. Kulesza, *Ius Internet. Między prawem a etyką*, Oficyna Wydawnicza ŁośGraf, 2012
A. Szewczyk, *Problemy moralne w świecie informacji*, Difin, 2008