



Istituto di Teoria e Tecniche  
dell'Informazione Giuridica  
Consiglio Nazionale delle Ricerche



# LAW VIA THE INTERNET 2018 CONFERENCE

Knowledge of the Law  
in the Big Data Age

11-12 October 2018  
Florence, Italy

Sponsored by



## CONFERENCE PROGRAM

Under the auspices of



UFFICIO PER L'INNOVAZIONE  
DELLA CORTE SUPREMA DI CASSAZIONE  
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Ai sensi dell'art. 20, comma 1, lettera b) del vigente Regolamento per la Formazione Professionale Continua approvato dal CNF in data 16/07/2014 e modificato con delibera del 30/07/2015, per la partecipazione all'evento è prevista l'attribuzione di n. 6 crediti formativi in materia non obbligatoria per ogni singola sessione (mattina e/o pomeridiana) ovvero n. 20 crediti formativi (ex art. 20, comma 2, lettera b) per l'intero evento.  
 Si ricorda che ai sensi dell'art. 20, comma 5 dello stesso Regolamento, per la partecipazione alla singola sessione i crediti formativi verranno riconosciuti solo qualora risultati documentata la partecipazione dell'iscritto all'intera sessione.  
 Per la partecipazione all'intero evento si ricorda che i 20 crediti formativi saranno riconosciuti qualora risultati documentata la partecipazione dell'iscritto all'80% dell'evento.

Conference fees at  
[lvi2018.ittig.cnr.it](http://lvi2018.ittig.cnr.it)

## Practical information

Conference registration fees at: [lvi2018.ittig.cnr.it/conference-fees](http://lvi2018.ittig.cnr.it/conference-fees)

**Venues:** *Aula Magna* – Rectorate of the University of Florence, Piazza San Marco 4

*Sala Strozzi* – Natural History Museum of the Department of Earth Sciences, University of Florence, Via La Pira 4

*Auditorium Ente CRF* – Ente Cassa di Risparmio di Firenze, Via Folco Portinari 5

## October 11<sup>th</sup>, 2018

09:00 Registration (Aula Magna)

**Aula Magna, 9:30 – 10:30**  
**Opening Session and Keynote Speech**

09:30 Words of Welcome

**Luigi Dei**, *Rector of the University of Florence*

**Massimo Inguscio**, *President of the National Research Council of Italy (CNR)*

**Giuseppe Corasaniti**, *Head of the Department of Legal Affairs, Ministry of Justice*

**Marilena Rizzo**, *President of the Tribunal of Florence*

**Leonardo Bassilichi**, *President of the Florence's Chamber of Commerce*

**Luca Bisori**, *Member of the Steering Committee of the Foundation of Forensic Training of Florence*

**Sebastiano Faro**, **Ginevra Peruginelli**, *Conference Chairs*

10:00 Keynote Speech

VINCENZO ZENO-ZENCOVICH (Università degli Studi Roma Tre)

*New Legal Frameworks and Epistemologies in the Big Data Age*

## First Session

**Aula Magna, 10:30 – 13:30**  
**I. Legal Data under (Free, Open, Linked, Big) Data Deluge**

Chair: **Miguel Poiares Maduro** (School of Transnational Governance, European University Institute)

GIANCARLO VILELLA (European Parliament)

SANDRO MAMELI (European Parliament)

*The European Parliament's Digital Transformation Journey and Its Impact on Law Accessibility and Participation*

JOHN DANN (Luxembourg - Ministry of State)

ROBERTO PAPPALARDO (Publications Office of the EU)

*ELI - Making Legislation Interoperable in Europe – from Dream to Reality*

MARC VAN OPIJNEN (Publications Office of the Netherlands)

*The EU Council Conclusions on the On-line Publication of Court Decisions*

Coffee break

FABIO PAPPALARDO (Court of Justice of the EU)

*The Role and the Foreseeable Future of the Library of the Court of Justice of the European Union*

TOMMASO AGNOLONI (CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)  
*Improving Public Access to Legislation Through Legal Citation Detection and Linking: The Lincoln Project at the Italian Senate*

JONATHAN ROBINSON (Deputy Chief Parliamentary Counsel)  
*Law As Data: The Implications for Government Law Drafting and Publishing Offices*

ERICH SCHWEIGHOFER (University of Vienna)  
*Publication of Law for the Digital Age*

PHILIP CHUNG (University of New South West, Australia & AustLII)  
ANDREW MOWBRAY (University of Technology Sydney & AustLII)  
*Building a Commons of Free Access Legal Expertise: The Roles of LII*

13:30 Lunch

## Second Session (parallel sessions)

**Aula Magna, 14:30 - 16:20**

### **II.A. Open Science and Law: From Policy to Practice**

Chair: **Roberto Caso** (Università degli Studi di Trento)

JEAN GASNAULT (Open Law, le Droit Ouvert)

MARIE FARGE (CNRS and École Normale Supérieure, Paris)

*Towards Open Science and Open Doctrine. The Principles and Laws That Promote the Sharing of Knowledge, and How They Are Implemented*

GIANPAOLO MARIA RUOTOLO (Università degli Studi di Foggia)

*The Right to Science and Open Access to Legal Knowledge: An International Law(yer) Perspective*

BRUNERO LISEO (Sapienza Università di Roma)

*Information Exchange in the Big Data Era*

FRANÇOIS DESSEILLES (University of Liège)

*A Future between Open Access and Artificial Intelligence: Which Economic Model for Legal Publishing in Belgium?*

LUCIA PANCIERA (Biblioteca della Camera dei deputati)

*The Bibliography of the Italian Parliament: Enhancing and Disseminating a Bibliography Using the Linked Open Data Model*

**Sala Strozzi, 14:30 - 16:20**

### **II.B. Challenges, Opportunities and Limitations in Opening Legal Data**

Chair: **Nicola Lettieri** (Istituto Nazionale per l'Analisi delle Politiche Pubbliche; Università degli Studi del Sannio)

SARAH MARKIEWICZ (Aix-Marseille University)

*Dissemination of Legal Information: Wedding or Divorce between Open Data Movement and Implementation of Personal Data Protection Law Principles*

VÁCLAV JANEČEK (University of Oxford)  
*Digitalised Legal Information: Towards a New Publication Model*

FELIPE MOREIRA (Federal University of Minas Gerais)  
*Open Legislative Data and Its Impact on Lobbying*

GIULIO MICHETTI (C.O. Gruppo Srl)  
ARIANNA TONIOLO (C.O. Gruppo Srl)  
*A Model of Justice As a Platform: A Case Study of Open Data Disclosure*

Coffee break after II.A. and II.B. Sessions

## Special Session (in Italian)

**Auditorium Ente CRF, 15:00 – 18:30**  
**II.C. Il diritto nella società digitale / Law and Digital Society**

Chair: **Tommaso Edoardo Frosini** (Consiglio Nazionale delle Ricerche; Università degli Studi Suor Orsola Benincasa)

GIUSEPPE CORASANITI (Sapienza Università di Roma)  
*L'intelligenza artificiale e il diritto / AI and Law*

MARILENA RIZZO (Tribunale di Firenze)  
*Intelligenza artificiale e predittività nella risoluzione delle controversie / Artificial Intelligence and Predictive Models for Dispute Resolution*

MARCO GIACALONE (Vrije Universiteit Brussel)  
FRANCESCO ROMEO (Università degli Studi di Napoli Federico II)  
*CREA – Risoluzione di conflitti con algoritmi equitativi / CREA - Conflict Resolution with Equitative Algorithms – A Cloud-based Decision Support System*

FRANCESCO GIUSEPPE SACCO (Università LUISS Guido Carli)  
*Un algoritmo per aiutare la digitalizzazione dell'ABF / An Algorithm to Help the Digitalization of ABF*

FERNANDA FAINI (Università di Bologna)  
STEFANO PIETROPAOLI (Università degli Studi di Salerno; Università degli Studi di Firenze)  
*Fra data governance e protezione dei dati: la dimensione giuridica dei big data nella sfera pubblica / Between Data Governance and Data Protection: The Legal Dimension of Big Data in the Public Sphere*

ANDREA STAZI (Università Europea di Roma)  
*Datificazione delle relazioni socio-economiche e diritto comparato / Datification of Socio-economic Relationships and Comparative Law*

Coffee break

LORENZO BACCI (CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)  
*Linkoln, il software per l'estrazione automatica di riferimenti legislativi e giurisprudenziali da testi in lingua italiana / Linkoln, the Italian Solution for the Automatic Identification of Legislative and Case-law References*

CLAUDIO SARRA (Università degli Studi di Padova)

*La Dichiarazione dei Diritti in Internet e il Regolamento Generale sulla Protezione dei Dati Personali sulle decisioni basate su trattamenti automatizzati: primi passi contro l'abuso del Data Mining? / The Italian Declaration of Rights in the Internet and the European General Data Protection Regulation on Decisions Based on Automated Processing: First Steps Against the "Data Mining Abuse" ?*

GIULIA DEL GAMBA (Intesa Sanpaolo)

*Regime giuridico per una profilazione legittima in base al RGPD / Legal Regime for Legitimate Profiling Under the GDPR*

ROSA MARIA DI GIORGI (Camera dei deputati; CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)

*Il diritto all'oblio nei database parlamentari e nella Rete / The Right to Be Forgotten in the Parliamentary Databases and on the Internet*

### Third Session (parallel sessions)

**Aula Magna, 16:30 - 18:15**

#### **III.A. Semantic Interoperability of Legal Data**

Chair: **Enrico Francesconi** (Publications Office of the EU; CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)

JOHN DANN (Luxembourg - Ministry of State)

ANIKÓ GERENCSÉR (Publications Office of the EU)

*EU Vocabularies - Facilitating the Linking of Legal Data*

FRANK BENNETT (Nagoya University, Japan)

*Serving the Publics: On Metadata Portability*

ARTTU OKSANEN (Aalto University; Helsinki Centre for Digital Humanities, University of Helsinki; Edita Publishing Ltd)

AKI HIETANEN (Finland - Ministry of Justice)

*Semantic Finlex: Finnish Legislation and Case Law As a Linked Open Data Service*

PATRICIA MARTÍN-CHOZAS (Universidad Politécnica de Madrid)

VÍCTOR RODRÍGUEZ-DONCEL (Universidad Politécnica de Madrid)

*Towards a Linked Open Data Cloud of Language Resources in the Legal Domain*

VÍCTOR RODRÍGUEZ-DONCEL (Universidad Politécnica de Madrid)

*IT Law Modelling: Methodologies, Architecture and Ontologies: Critical Legal Positivism Applied in the Domain of IT Law*

**Sala Strozzi, 16:30 - 18:15**

#### **III.B. The (R)Evolution of Data Visualisation in Law**

Chair: **Ivan Mokanov** (Lexum)

ALEJANDRA ABAL (Politecnico di Milano)

*Legal Design: Applying the Design-driven Approach to Legal Services*

ROSSANA DUCATO (Université Catholique de Louvain; Université Saint-Louis – Bruxelles)  
*From Transparency to Terms, and Back Again: A Legal Design Approach*

LUCA CERVONE (Università di Bologna)  
*From Parliamentary Open Data Visualization Toward Gamified Civic Engagement*

NICOLA LETTIERI (Istituto Nazionale per l'Analisi delle Politiche Pubbliche; Università degli Studi del Sannio)  
*Visualizing Law: Experiences and Perspectives of Legal Visual Analytics*

ARIANNA ROSSI (Università di Bologna; University of Luxembourg)  
*DaPIS: A Machine-readable Data Protection Icon Set*

**20:30 Social event: Dinner at Teatro della Pergola**

**Via della Pergola, 12/32 - Florence**

October 12<sup>th</sup>, 2018

Aula Magna, 9:00 Keynote Speech

DEIRDRE CURTIN (Department of Law, European University Institute)

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## Fourth Session

Aula Magna, 9:30 - 11:30

*IV. Open Judicial Data and Case Law Publication*

Chair: **Marc van Opijnen** (Publications Office of the Netherlands)

JENNY PAGLIA (Wallmans Lawyers)

*Policy Issues in the Publication of Case Law - An Australian Perspective*

AKI HIETANEN (Finland - Ministry of Justice)

ARTTU OKSANEN (Aalto University; Helsinki Centre for Digital Humanities, University of Helsinki; Edita Publishing Ltd)

*Anonymization Service for Finnish Case Law: Opening Data Without Sacrificing Data Protection and Privacy of Citizens*

GIOVANNI CATTARINO (Corte costituzionale italiana)

*Open Data and the ECLI at the Italian Constitutional Court*

NIKITAS HATZIMIHAL (University of Cyprus)

*ECLI Implementation in Cyprus: Organizing Legal Information in a Small, Mixed Jurisdiction*

BRUNO MATHIS (Open Law, le Droit Ouvert)

*How Much Appetite for Case Law Open Data in France?*

Coffee break

## Fifth Session (parallel sessions)

Aula Magna, 11:45 - 13:30

*V.A. Legal Knowledge Sharing*

Chair: **Ginevra Peruginelli** (CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)

GRAHAM GREENLEAF (University of New South Wales, Australia & AustLII)

PHILIP CHUNG (University of New South Wales, Australia & AustLII)

*Foundations of the Common Law*

MATTHEW BELL (The National Archives, UK)

JIM MANGIAFICO (Juris Datum)

*Brexit: Meeting the Legal Information Challenge*

SARAH SUTHERLAND (CanLII)

*Building Commentary Collections in the Free Law Context*

JOHN JOERGENSEN (Rutgers Law School)  
*Digitization of U.S. Congressional Documents*

LEESI EBENEZER MITEE, (Port Harcourt Polytechnic, Rivers State, Niger)  
*The State of Free Online Access to Nigerian Public Legal Information*

**Sala Strozzi, 11:45 - 13:30**  
**V.B. Interoperability, Standard and Rules**

Chair: **Tommaso Agnoloni** (CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)

JOHN DANN (Luxembourg - Ministry of State)  
NICOLAS SANNIER (University of Luxembourg)  
*Digitizing Luxembourg's Legal Corpora: Experience and Vision*

MONICA PALMIRANI (Università di Bologna)  
*Akoma Ntoso for Accessibility of FAO and UN Resolutions*

GREG KEMPE (OpenUp)  
*Indigo Legislation Platform - Capture, Consolidate and Publish Legislation in the Cloud*

GIANLUIGI FIORIGLIO (Sapienza Università di Roma)  
*Automation, Legislative Production and Modernization of the Legislative Machine: The New Frontiers of Artificial Intelligence Applied to Law and e-Democracy*

SARA FRUG (Legal Information Institute, Cornell Law School)  
*Analyzing NJDG Data to Improve Access to Justice in Indian Courts*

13:30 Lunch

**Sixth Session (parallel sessions)**

**Aula Magna, 14:45 - 17:30**  
**VI.A. Legal Knowledge in Times of Big Data**

Chair: **Giovanni Sartor** (European University Institute; Università di Bologna)

WARREN AGIN (LexPredict, LLC Boston College School of Law)  
*Using Machine Learning to Predict Success Or Failure in Chapter 13 Bankruptcy Cases*

GIUSEPPE VACIAGO (Università degli Studi dell'Insubria)  
*Opportunities and Challenges in the Legal Tech Services in the Italian and European Framework*

CAMILLE LE DOUARON (Editions Lefebvre Sarrut)  
*Building Common Datasets for Legal AI*

GIORGIO GIANNONE CODIGLIONE (Università degli Studi di Salerno)  
*Entropy in Digital Information and the Enforcement of Law: Towards a Unification of Remedies?*

PIERRE-PAUL LEMYRE (Lexum)  
*Artificial Intelligence at Lexum*

IMAD IBRAHIM (Istituto Dirpolis, Scuola Superiore Sant'Anna)  
*International Environmental Agreements in the Age of Big Data and Algorithms*



FRANTIŠEK KASL (Masaryk University)

*Legal Limitations of Algorithmic Analytical Tools Against Disinformation*

**Sala Strozzi, 14:45 - 17:30**

**VI.B. Experiences in Accessing the Law Across the Globe**

Chair: **Sebastiano Faro** (CNR - Istituto di Teoria e Tecniche dell'Informazione Giuridica)

JANET ODETSI-TWUM (Ghana School of Law)

*Public Access to Primary Legal Information in Ghana: Opportunities and Challenges*

DEBORAH GRBAC (Biblioteca dell'Università Cattolica del Sacro Cuore)

*Free Access to United Nations Documents and Publications: Strategies for Navigating a Complex Landscape*

RANBIR SINGH (National Law University, Delhi)

*Emancipating Law and Legal Knowledge by Government and Non-State Actors in India*

ELENA ALINA ONTANU (CNR-Istituto di Ricerca sui Sistemi Giudiziari; Erasmus University Rotterdam)

*EU Judicial Procedures and Case Law Databases: What's Going On and What May Lay Ahead*

MARK TOTTENHAM (Law Library of Ireland, and Stare Decisis Hibernia)

*How to Create an International Encyclopaedia of Case Law*

TOKUYASU KAKUTA (Research and Development Initiative, Chuo University, Japan)

MAKOTO NAKAMURA (Department of Engineering, Niigata Institute of Technology, Japan)

*Legislation Supporting System Based on Legal Computer Programming As SDL (Software Defined Law)*

*The Conference is in English. Only the Special Session "Il diritto nella società digitale / Law and Digital Society" on 11<sup>th</sup> October is in Italian.*

*The program indicates only the speakers of the Conference. The names of all the authors are presented in the Conference Materials to be distributed during the Conference.*