

Das Institut für Informations-,
Telekommunikations- und Medienrecht lädt ein
zu einem Vortrag von

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zum Thema

**Blockchain im brasilianischen
Rechtssystem**

Am Montag, den 4. Juni 2018, um 14:30 Uhr

About GEDAI



GEDAI

Grupo de Estudos de Direito Autoral e Industrial
Universidade Federal do Paraná

- It was set up in 2007.
- Research on the development of Intellectual Property Law within the Information Society by means of comparing the international system of copyright and industrial rights.
- Research on cultural diversity and reflections about the regulation of intellectual rights in relation to the challenges faced by the Information Society.

GEDAI – Main Research Topics

- **Intellectual Property – Innovation and Knowledge**
- **Copyright Law: Fundamental Rights and Cultural Diversity**
- **Creative Economy: Intellectual Property and Development**
- **International Regime of Intellectual Property**
- **Information Society: Democracy and Technological Inclusion**
- **Rights of the New Information Technologies and Communication (ICT)**
- **Intellectual Property and Competition Law**

Project Description

BLOCKCHAIN AND INTELLECTUAL PROPERTY RIGHTS:
legitimacy of *smart contracts* for personalized management
of copyright in the Information Society.

- The necessary change in the remuneration of the author for the use of his/her works may occur through smart contracts signed by means of the recently developed blockchain technology.
- The aim of this project is to verify if such instruments keep the judicial requirements that can legitimize their use. The choice for this study topic is justified due to the lack of research on the judicial analysis of smart contracts concerning the custody of their copyright.

Research Questions

- Could the gradual distancing of the author's motivation in protecting and obtaining remuneration for his/her work by means of collective management of rights promote a personalized management of rights that can be also safe and efficient?
- Could smart contracts be legitimate of both parties with no need for repairs?
- What interoperability challenges of blockchain must be overcome so that a substantial and positive change of the author's remuneration and fair legal connections for his/her work could be achieved?

Hypothesis

- The new business **models technologically based on blockchain** promote a safe and efficient personalized management of the rights of author, and also promote a gradual distancing of the author's motivation in protecting and obtaining remuneration of his/her works by means of the collective management of rights, eliminating intermediacy.
- **Smart contracts are legal and electronic judicial instruments**, considering the contractual aspects that are necessary for the custody of copyright and duties of the interested parties; however, they deserve repairs as to aspects involving fundamental judicial issues that must be cryptographically included in the blockchain of these contracts, thus being a challenge for technologists.
- There are **interoperability challenges in blockchain** that must be overcome so that substantial and positive changes are made for the author's remuneration on his/her works, as well as fair connected rights; so in order to achieve that, pieces of work that have already been produced must be cryptographed, and file formats must be unified with interoperability.

Basic Categories

- Blockchain
- Copyright Law
- Smart Contracts
- Collective Management of copyright
- Personalized Management of rights
- Intellectual Property Rights
- Intellectual Rights
- Internet of Things
- Contractual Law
- International Law
- Business Models in Copyright Law

Project Main Goal

- To establish the legitimacy analysis of smart contracts that use blockchain to the custody of copyright, solving problems that may occur so that the author can have a reliable personalized management of his/her rights within the Information Society.

Project Measurable Objectives

- Identify the technical aspects pertaining to blockchain and smart contracts from the judicial and economic point of view, and also concerning information systems.
- Unveil the reasons for the gradual distancing of the author's desire to protect and be remunerated for his/her works by means of collective management of rights and the new business models available based on block blockchain, as well as the need to choose for personalized management without intermediacy.
- Verify whether smart contracts, such as electronic judicial instruments, have the necessary contractual aspects for the custody of copyright and duties of each party, whether they should or should not be given any repairs, and whether blockchain can be used in such contracts.
- Identify what challenges on the interoperability of blockchain must be overcome so that substantial and positive changes are made as to the remuneration of the author for his/her works, as well as fair connected rights by means of upcoming business models.



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