LEGAL INNOVATION AND TECHNOLOGY: CHALLENGES AND PERSPECTIVES

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We are pleased to present the second issue of the *Brazilian Journal of Law, Technology, and Innovation* - BJLTI, a platform dedicated to exploring the dynamic intersection of law and cutting-edge technologies. In this volume, we continue our commitment to fostering insightful discussions on the legal implications of technological advancements. As we reflect on the journey since the journal's inception, several positive outcomes stand out, demonstrating the value it has brought to the legal and technological communities. The journal has successfully attracted high-quality scholarly contributions from leading experts, researchers, and academics in the fields of law, technology, cyberlaw, data protection, artificial intelligence, among others. The diverse and insightful articles have enriched the academic discourse and contributed to the advancement of knowledge in these rapidly evolving domains.

This issue explores a diverse array of subjects, ranging from personal data protection to neurorights and teleworking. Within these pages, the published articles offer perceptive and analytical examinations of the legal hurdles presented by transformative technologies and their influence on our societal landscape. The structure of the publication is as follows:

The first article, " *The Judge of the Future: The Algorithm-Judge?*" by Mafalda Miranda Barbosa, explores the relationship between law and information technologies, focusing on challenges and implications of utilizing AI and autonomous systems in legal decision-making.

In " *The Preventive Function of Civil Liability in the Digital World*", Marcelo Schenk Duque and Rodrigo Luiz da Silva Versiani address civil liability in the digital realm, questioning whether risks warrant a shift in the State's duty to protect, employing a deductive approach based on bibliographic and jurisprudential review.

" *Rights of Investors in the Context of Algorithmic AI Technologies and*

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Automatization" by Aleksandr P. Alekseenko, presents the impact of digital technologies on economic processes, highlighting the benefits and risks introduced by algorithmic AI technologies in financial markets.

Gabriela Buarque wrote the paper "*Artificial Intelligence and Algorithmic Discrimination: A Reflection on Risk and Vulnerability in Childhood*" investigating the risks associated with AI aimed at children, recommending measures for mapping and mitigation, emphasizing the need for multisectoral collaboration.

In " *Human Dignity and Neurorights in the Digital Age*," Edgar Gastón Jacobs Flores Filho and Marina Castro Firmo explore neurorights, their classification, and their relation to human dignity, tracing the evolution of neurorights studies and proposed regulations.

Cíntia Rosa Pereira de Lima's article, " *Adhesion Electronic Contracts ("Shrink-Wrap" and "Click-Wrap") and the Terms of Use ("Browse-Wrap")*," presents a legal discipline for electronic commerce contractual practices, addressing concepts like "shrink-wrap," "click-wrap," and "browse-wrap".

" *Nomad Teleworking: The Paradigms of Hustle Culture in the New Labor Relations*", by Matheus Soletti Alles, addresses the challenges and risks associated with digital nomadic work, emphasizing the need for mechanisms promoting social identity.

Alana Engelmann's article, " *Algorithmic Transparency as a Fundamental Right in the Democratic Rule of Law: A Comparative Approach*," scrutinizes the importance of algorithmic transparency in AI systems, comparing legislative initiatives in Europe, North America, and Brazil.

Last but not least, " *Data-Driven is Cool: Perspectives, Possibilities, and Limitations of Data-Driven Law Applications*" by Lorenzzo Antonini Itabaiana and Letícia Camargos Ferraz, analyzes the lessons of data-driven economics, exploring the prospects and limitations of applying Data Science principles to law.

On a final note, it's important to add that BJLTI welcomes writings on any topic related to the legal aspects of development and the use of technologies. We are peer-reviewed and sponsored by the Brazilian Research Center on Law Technology and Innovation – DTIBR, a non-profit institution committed to the highest level of scientific quality and ethics. BJLTI is an open-access law journal that does not charge for submissions and publishes reviewed writings without undue delay, on the principle that making good research fast and freely available to the public is of paramount importance to foster scientific evolution and social development.

As we celebrate the positive outcomes of the BJLTI's first year, we look forward to building upon these achievements in the years to come. The journal remains dedicated to fostering innovation, advancing legal

scholarship, and addressing the complex challenges at the intersection of law and technology. We express our gratitude to the contributors, readers, and supporters who have played a crucial role in the success of this scholarly endeavor.

We cordially invite scholars, researchers, and professionals in the fields of law, technology, cyberlaw, data protection, and artificial intelligence to contribute their valuable insights to the Brazilian Journal of Law, Technology, and Innovation. As we strive to maintain the journal's commitment to excellence, we welcome submissions that explore cutting-edge topics, present novel perspectives, and offer in-depth analyses of the legal implications arising from the ever-evolving landscape of technology. Whether your expertise lies in the realms of AI, data protection, data science, or any other relevant area, we encourage you to be part of our scholarly community.

Your contributions will play a vital role in advancing the discourse on the legal challenges and opportunities presented by disruptive technologies. Submit your work to contribute to the continued academic goals of the Brazilian Journal of Law, Technology, and Innovation.

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