

**BRUNA AI COMO CASO APLICADO DE GOVERNANÇA INFORMACIONAL
NEUROÉTICA EM INTELIGÊNCIAS ARTIFICIAIS PARA
NEURODIVERSIDADE**

**BRUNA AI AS AN APPLIED CASE OF NEUROETHICAL INFORMATION
GOVERNANCE IN ARTIFICIAL INTELLIGENCE FOR NEURODIVERSITY**

Ana Elisa Duarte de Medeiros

ARFV Sociedade de Advogados

E-mail: anaelisa@arf.com.br

ORCID: 0009-0003-8368-3176

João Pedro Tonello de Souza

Brazilian AI for Neurodiversity, Braine

E-mail: pedro.tonello@braine.digital

ORCID: 0009-0006-6105-7387

Gabriel Tonello de Souza

Brazilian AI for Neurodiversity, Braine

Centro Universitário Braz Cubas

E-mail: gabriel.tonello@braine.digital

ORCID: 0009-0005-7476-442X

Julia Suniga-Gonçalves

Centro Universitário Braz Cubas

E-mail: juliasuniga0502@gmail.com

ORCID: 0009-0004-7469-5498

Gabriel Felipe Cotta Cirino

Universidade de São Paulo, USP

E-mail: cirino@usp.br

ORCID: 0009-0004-2729-5731

RESUMO

Este trabalho apresenta a Bruna AI como infraestrutura neuroética de cuidado informacional aplicada à jornada neurodivergente. A proposta desloca o debate sobre inteligências artificiais conversacionais da performance algorítmica para a governança da mediação informacional, enfatizando limites, rastreabilidade, supervisão humana, proteção de dados e responsabilidade. Por meio de ensaio teórico-aplicado, fundamentado em revisão narrativa crítica e modelagem sociotécnica, articula Ciência da Informação, neuroética, LGPD, proteção infantil, interoperabilidade em saúde digital, RAG e agentes conversacionais. Conclui-se que a Bruna AI deve organizar, recuperar e traduzir

informações sensíveis sem substituir profissionais, fortalecendo redes humanas de cuidado.

Palavras-chave: Neuroética; Inteligência artificial; Neurodiversidade; Governança informacional; Proteção infantil.

ABSTRACT

This study presents Bruna AI as a neuroethical infrastructure for informational care applied to the neurodivergent journey. The proposal shifts the debate on conversational artificial intelligence from algorithmic performance to the governance of informational mediation, emphasizing boundaries, traceability, human oversight, data protection, and accountability. Through a theoretical-applied essay grounded in critical narrative review and sociotechnical modeling, it integrates Information Science, neuroethics, data protection, child protection, digital health interoperability, retrieval-augmented generation, and conversational agents. The study concludes that Bruna AI should organize, retrieve, and translate sensitive information without replacing professionals, thereby strengthening human networks of care.

Keywords: Neuroethics; Artificial intelligence; Neurodiversity; Information governance; Child protection.

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