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## PRIVETDIS

### Mental privacy, neurotechnology and disability: ethical, legal and social aspects

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This project explores the intersection of computational neuroscience, AI, and neurotechnology, focusing on the emerging concept of ‘neurorights’. A specific focus will be on the notion of mental privacy, the privacy of internal states and experiences, and how this is conceptualized and applied in the context of disability and human rights. Another focus will be understanding neurotechnologies’ implications on brain data governance.

The project seeks to include underrepresented communities, such as persons with lived experience of disability, in these discussions. The primary goal is to map and analyze the perspectives of people with disabilities on mental privacy and brain data protection. This understanding will be integrated into an ethical and legal analysis of the regulation and governance of neurotechnologies. The project will be conducted over three years, each year dedicated to specific tasks such as interdisciplinary conceptual work on mental privacy, stakeholder research, and analysis of existing laws.

The results will provide important clarifications on mental privacy concerning fundamental rights and data protection. It will offer an informed ethical risk

assessment of emerging technologies for the disability community and provide guidelines for policymakers and regulators on the responsible innovation and use of neurotechnologies.

