

Curriculum Vitae

Dr. Marcello Ienca is postdoctoral researcher at the Health Ethics & Policy Lab, Department of Health Sciences and Technology at ETH Zurich, Switzerland. His research focuses on the ethics and governance of biomedical data, ethically aligned artificial intelligence (AI) and responsible innovation for emerging technologies at the human-machine interface. Prior to joining ETH, Dr. Ienca has obtained MSc, MA and PhD degrees from the Humboldt University of Berlin, KU Leuven (Erasmus Mundus Consortium) and the University of Basel. He has published extensively on the ELSI of neurotechnology and AI, big data trends in biomedicine, ethical design in robotics, data ethics, human rights, dual-use, digital health and cognitive assistance for people with intellectual disabilities. Ienca has received several awards for social responsibility in science and technology such as the Prize Pato de Carvalho (Portugal), the Sonia Lupien Award (Canada) and the Paul Schotsmans Prize from the European Association of Centres of Medical Ethics (EACME). He has authored +20 scientific articles in peer-review journals, several book chapters and is a frequent contributor to *Scientific American*. His research was featured in academic journals such as *Neuron*, *JAD*, *JNER* and popular media such as *The Guardian*, *The Times*, *Die Welt*, *The Independent*, *El Clarin* and others. He is a representative to the board of directors of the International Neuroethics Society.

Selected peer-reviewed publications

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- lenca M., (2015). Neuroprivacy, Neurosecurity and Brain-Hacking: Emerging Issues in Neural Engineering, *Bioethica Forum*, 8(1), 51-53.
- lenca M., (2014). Interfacce cervello-computer: nuove frontiere all'intersezione tra bioetica e sicurezza informatica, *Bioetica*, 23(1-2).

Book Chapters

- Jotterand, F. & lenca, M. (2017) The Biopolitics of Neuroethics. In Racine, E. & Aspler, J., *The Debate about Neuroethics: Perspectives on the Field's Development, Focus, and Future*, Springer.
- lenca, M. (2016). On the Contribution of Blindsight to the Understanding of Consciousness: Empirical, Normative and Conceptual Implications. In Lavazza A. (ed.) *Frontiers in Neuroethics: Conceptual and Empirical Advancements*, Cambridge Scholars Publisher, Newcastle Upon Tyne, UK.
- Stüfen, F., lenca, M., & Elger, B. S. (2017). Spiritual Help During Detention: Specific Responses to Different Stages and Types of Imprisonment. In *Emerging Issues in Prison Health* (pp. 85-106). Springer Netherlands.
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- 科技观察网 (China): 细思极恐！未来电脑或能破坏人类的“思想自由” <http://tech.hnrx01.cn/plus/view.php?aid=13571>
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