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Representing the Human Body in the AI Era: a Data-Centric Approach

In the age of Artificial Intelligence (AI), algorithms significantly influence how human bodies are represented and perceived online, reshaping self-perception, societal norms, and creative expression. We critically examine the interplay between AI technologies and digital aesthetics, focusing on how machine learning algorithms embody, judge and alter human body representations. In particular, we present data-centric investigation efforts around AI-driven beauty enhancements, artistic censorship and image generation.

Piera Riccio is an ELLIS PhD student, supervised by Nuria Oliver (ELLIS Alicante) and Thomas Hofmann (ETH Zürich). She holds a bachelor's degree in Cinema and Media Engineering (2018, Politecnico di Torino), a Master's degree in ICT for Smart Societies (2021, Politecnico di Torino), and a Master's degree in Data Science and Engineering (2021, Télécom Paris – EURECOM). She is currently performing a research stay in the University of Osaka, under the supervision of Noa Garcia. In 2023, she was hosted in ETH Zürich. In 2020, she was an affiliate at Metalab (at) Harvard. In 2021, she was a research assistant at the Oslo Metropolitan University. In her research, she is interested in exploring the cultural, social, and artistic dimensions of AI.

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Link:

<https://tinyurl.com/2su9bvrw>