

Francesco Ballerini

Ph.D. Student

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Education

Ph.D. Nov 2023 – present	Computer Science and Engineering University of Bologna Supervisor: Samuele Salti
Master's Degree Mar 2023	Artificial Intelligence University of Bologna Thesis: Alignment of Implicit Neural Representation of 3D Shapes via Permutation Symmetries
Bachelor's Degree Feb 2020	Ingegneria Informatica University of Florence Thesis: On the Turing Completeness of Recurrent Neural Networks

Teaching Experience

Teaching Assistant Spring 2024	Image Processing and Computer Vision University of Bologna Prof. Samuele Salti
Teaching Assistant Fall 2023	Machine Learning for Computer Vision University of Bologna Prof. Samuele Salti

Publications

ICLR 2024	<i>Neural Processing of Tri-Plane Hybrid Neural Fields</i> A. Cardace, P. Z. Ramirez, F. Ballerini, A. Zhou, S. Salti, L. Di Stefano
ICTAI 2023	<i>MusiComb: a Sample-based Approach to Music Generation Through Constraints</i> L. Giuliani, F. Ballerini, A. De Filippo, A. Borghesi

Preprints

arXiv:2312.13277	<i>Deep Learning on 3D Neural Fields</i> P. Z. Ramirez, L. De Luigi, D. Sirocchi, A. Cardace, R. Spezialetti, F. Ballerini, S. Salti, L. Di Stefano
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