



DIPARTIMENTO DI
INFORMATICA, SISTEMISTICA E
COMUNICAZIONE

Viale Sarca, 336
20126 Milano

SEMINAR ANNOUNCEMENT

Monday January 8th, 2024

at 02:00 pm

Room "Sala Seminari" - Abacus Building (U14)

Neural Surface Representations

Speaker

Luca Morreale

University College of London

Abstract

In recent years, the graphics community has experienced an unprecedented surge in neural representations, with implicit representations taking the forefront. NeRF has emerged as a prime example, showcasing compelling outcomes in the realm of shape generation. Despite their success, these representations pose a limitation by hindering direct access to the fundamental surface, consequently limiting their applicability in tasks related to surface manipulation. In this presentation, we delve into neural representations tailored explicitly for surfaces, addressing this critical gap and unlocking new possibilities in the realm of surface mappings and editing.

Short Bio:

Luca Morreale is a PhD student at University College London (UCL); his research focuses on 3D neural representations and geometric manipulation.

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