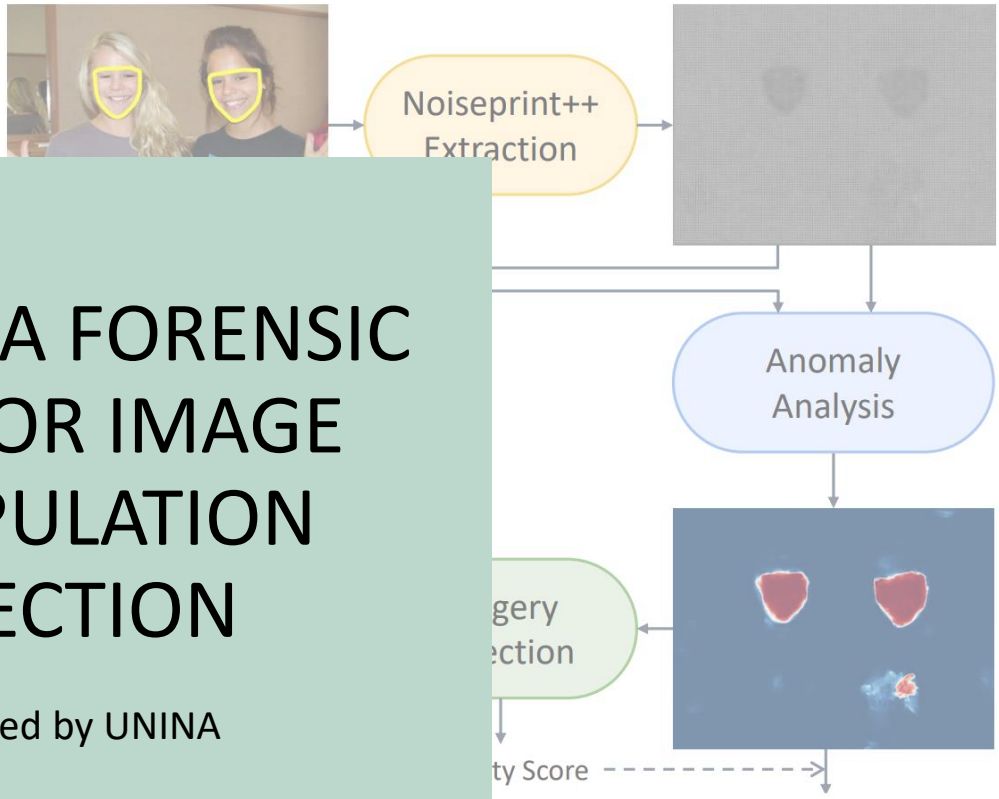

TRUFOR: A FORENSIC TOOL FOR IMAGE MANIPULATION DETECTION

developed by UNINA

AIM OF THE TOOL TruFor is a forensic tool that can be applied to a large variety of image manipulation methods, from cheapfakes to more recent manipulations based on deep learning. It relies on the extraction of both high-level and low-level traces through a transformer-based fusion architecture that combines the RGB image and a learned noise-sensitive fingerprint. The latter learns to embed the artifacts related to the camera internal and external processing by training only on real data.

MORE INFORMATION
Research paper: doi.org/10.1109/CVPR52729.2023.01974

Project page: https://grip-unina.github.io/TruFor/

ACCESS TO THE TOOL The python code of tool is publicly available on github at https://github.com/grip-unina/TruFor

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