

Fake Sniff



unieri

United Nations
Interregional Crime and Justice
Research Institute

Open | DSE



Human
baseline

65 %



Source: FaceForensics++: Learning to Detect Manipulated Facial Images
(Rossler et al., April 2019)

Solution principles

- Intuitive and accessible for everyone via web application
- Powered by Artificial Intelligence (AI)

```
dash-object-detection — -bash — 80x24
n14mc1-503869:dash-object-detection casale$ python app.py
```

Safari can't open the page "0.0.0.0:8050" because Safari can't connect to the server "0.0.0.0".

- AI - Deep Learning – Neural Networks
- Trained on a very large dataset
- State-of-the art performance
- 2 x faster | 2 x lighter | 2 x applicable
- Extendable

The Tech Behind

Human

Artificial Intelligence

65 %

|

97.4%



IMPACT

- PREVENTION
- CREDIBILITY
- IDENTITY PROTECTION
- VERACITY
- EVIDENCE

INNOVATIVENESS

- EXCEEDS HUMANS
- EXCEEDS CURRENT MODELS
- FASTER
- EXPLAINABLE

FEASIBILITY

- IMMEDIATE & ACCURATE RESULTS
- FLEXIBLE UPDATE
- PHONES AND LAPTOPS FRIENDLY

USABILITY

- FOR SINGLE USERS
- FOR LAW ENFORCEMENT

SCALABILITY

- 1 SOLUTION, MANY PURPOSES
- CAPACITY INCREASE POTENTIAL

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