

*The Netherlands Forensic Institute (NFI) provides a large variety of forensic services. It uses the newest technologies and scientific insights. Passionately dedicated NFI professionals concentrate on the prompt provision of comprehensible, objective and – if necessary – interdisciplinary forensic analyses, with the aim of improving the client's information position. The NFI is independent and does not take a particular standpoint with regard to guilt or innocence.*

In forensic science, sometimes the question is asked if an image or video has been tampered with. Many publications are available on this topic, however proving that an image or a video has not been tampered with is even harder. Since we are interested in new methods for use in forensic science research, we do some propositions for research for students. Zeno Geradts will provide supervision and provide guidance in this.

1. Image manipulation detection

Make an overview of image manipulation detection techniques that are applicable in forensic science. Also implement the most promising techniques in Matlab for use in forensic examination

2. Video image manipulation detection

A similar question on video manipulation

3. Facial morphing detection in images and video