



defalsif-ai

Artificial Intelligence against Fake News

The research project defalsif-AI is developing forensic media tools to give users a reliable way to assess the authenticity and credibility of text, video and audio material on the internet. The tools use artificial intelligence. This project is aimed especially at politically motivated disinformation.

The research focus in the defalsif-AI project is on audio-visual media forensics, text analysis, and the fusion of these technologies with the help of artificial intelligence. The result is aimed at allowing a reliable first assessment of the credibility of internet sources. All parameters are supposed to be clear and interpretable. This should provide a foundation for further recommended action. The decision whether content is "false" lies with the user.

Aside from the development work, the project also includes an analysis and assessment of the forensic media tools from the legal and social science perspective. The project also includes work on a plan for the future use of disinformation analysis platforms, in accordance with the law, as part of defalsif-AI.

The project is funded by KIRAS, a research, technology and innovation funding programme of the Republic of Austria, Federal Ministry of Agriculture, Regions and Tourism (BMLRT). The Austrian Research Promotion Agency (FFG) has been authorized for the programme management.

At a glance:

- **Start of project: 10/2020**
- **Runtime: 24 months**


Project goal

A demonstration of forensic media tools which allow a reliable first assessment of the credibility/authenticity of internet contents

Consortium

AIT (coordinator), Enlite, Danube University Krems, Research Institute, Federal Chancellery of Austria, Ministry of Defense, Austrian Foreign Ministry, ORF, APA

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