

Digital Formalism: The Vienna Vertov-Collection

Zusammenfassung

Digital Formalism: The Vienna Vertov Collection focuses on the computer-aided digital analysis of the "senses of cinema". On the foundation of theoretical basic research on digital formalism we will develop the technical tools to digitally analyse the principal cinematic elements in the films by Russian Avant-Garde film maker Dziga Vertov (1896 - 1954) with the aim of

a) applying the tools developed for this important oeuvre to certain cultural industries branches like graphics design, creative advertising etc. and of
b) making the worldwide unique Vienna Vertov Collection, which contains film material, scripts, photographs etc., accessible for both the general public and the international Vertov research community. Core piece of the project is the development of tools for the computational understanding of media aesthetics, inspired by Vertov's work, which is in its availability at the Austrian Film Museum exclusive in quality. Computational understanding comprises the automated extraction of high-level film elements such as rhythm, contrast, dialogue sequences, etc. The involved film analysis scientists and media processing scientists will work hand in hand and thus ascertain the interdisciplinary merging of film theory, advanced digital technology and materiality of film.

Keywords:

Formalist film theory; high level media analysis; digital tools for cultural heritage

Principal Investigator: Andrea B. Braidt and Klemens Gruber

Institution: University of Vienna

Weitere ProjektpartnerInnen: Christian Breiteneder (Vienna University of Technology,
Software Technology and Interactive Systems)
Alexander Horwath (Austrian Film Museum)



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Fördersumme: EUR 400.000

Weiterführende Links zu den beteiligten Personen und zum Projekt finden Sie unter

https://archiv.wwtf.at/programmes/past_programmes/creative_industries/CI06-024