

# DIAMANT-FILM RESTORATION

HS-ART  
DIGITAL SERVICE GMBH

Graz, 1. March 2016

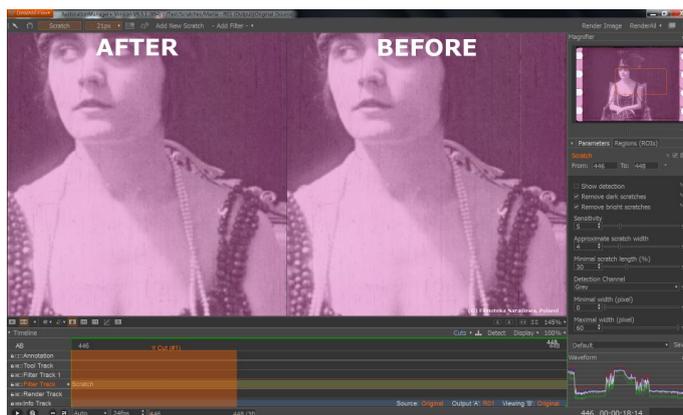
## DIAMANT-FILM Restoration at JTS 2016 in Singapore

Come to see us in the exhibition area as well as our symposium speech

The DIAMANT-FILM Restoration Software is a well-known solution for automatic, semi-automatic and interactive film & video restoration, cleaning and repair.

DIAMANT-FILM Restoration includes tools and filters for various types of film defects such as dust, dirt, blotches, flicker, scratches, grain, noise, warped images, stabilization issues and many more. The automatic and semi-automatic tools allow effective and high quality corrections from SD up to 6K in up to 16 bit.

DIAMANT-FILM Restoration is easy-to-use and is based on a series of technological innovations. The efficient implementation optimally profits from standard PC workstation based hardware (CPU and GPU).



### Symposium / conference presentations

"Using film annotation tool as part of the restoration process" is presented by our CEO Mr. Franz Hoeller in the *Gallery Theatre, March 7<sup>th</sup> 16:15-17:30*). In his speech Franz talks about a remarkable film annotation project that has been initiated by Filмотека Narodowa (Mr. Pawel Smietanka). The project has been implemented by using our **DIAMANT-Film ANNOTATOR** and documents the quality and condition of the Polish Nitrofilm heritage in a remarkable and astonishing way!

### Exhibition Floor

We are proud to present the upcoming major version **DIAMANT-Film Suite V9** with a series of significant improvements. Beside some underlying algorithmic and mathematic improvements there is a dramatic increase in speed and performance (based on 4k/UHD films, automatic dust busting gains as much as **50%[!]** in speed).

The new Super Batch Renderer permits optimized scaling and usage of computing resources. Workplans can be defined and scheduled for rendering during periods of operator absence (overnight, week-end).

A set of automatic filters targeting specifically video-defects is also introduced in DIAMANT-Film V9. Thus jagged edges, video dropouts and other problematic tape issues can be efficiently repaired.

IR Cleaner is a new filter that reads a mask or matte (for example coming from an infra-red scan) and automatically corrects the marked regions. Doing so it is very efficient and of high-speed, avoiding any artefacts and side-effects!

See [www.hs-art.com](http://www.hs-art.com) for more details.

About HS-ART Digital Service GmbH: HS-ART is a technology company based in Graz, Austria. HS-ART provides software solutions in the fields of digital media focusing on film restoration and media monitoring. Visit [www.hs-art.com](http://www.hs-art.com) for more information or email us to [office@hs-art.com](mailto:office@hs-art.com) or call us at +43 316 915 998

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