# APF-R update enables sharpening of daylight images with deep sky methods

# This method goes far beyond sharpening

APF-R, Absolute Point of Focus, is a complex sharpening process in Photoshop developed by the multiple award-winning deep sky photographer Christoph Kaltseis. The image results are so convincing that this method is frequently used by the Hubble Space Telescope team, among others. Already in the first version, even the most inconspicuous details could be brought to light without significantly increasing the image noise. In order to be able to apply the time-consuming procedure with one click even without prior knowledge, Christoph Kaltseis and Picture Instruments have joined forces to automate the complex calculation processes with a Photoshop plugin.



### New features make APF-R v2 a multi purpose sharpening tool

Since macro and landscape photography are further passions of Christoph Kaltseis, he developed methods to adapt the APF-R techniques to these areas of photography. Thus, the plugin was extended by two additional rendering methods and advanced fit-to-data options. Depending on the level of detail of the images the new rendering options provide additional possibilities for refining the image results. In addition, there are several calculation variants to adjust the APF-R sharpness layers to the image data. Therefore, the second version of the plugin can be used very flexibly beyond astro photography, which means that photographers of all areas can now benefit from the APF-R method.

## Website

www.pic-in.de/apfr

### Video: https://youtu.be/F5IUbhTnAkM

#### Prices and availability:

The APF-R Plugin for Photoshop costs \$29 (+VAT if applicable). APF-R can be installed directly through the marketplace in the Adobe Creative Cloud Desktop App and it integrates seamlessly into Photoshop from version 22.

To receive a free press license, send an email to: press@picture-instruments.com

### Logos / Box-Shots / Screenshots

Link to press page: www.picture-instruments.com/company/press.php

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