

## APF-R now as Photoshop plugin

### *This method goes far beyond sharpening images*

To bring out even the finest details in his deep sky images, successful astrophotographer Christoph Kaltseis has developed a complex image sharpening process in Photoshop. His APF-R (Absolute Point of Focus) method delivers such convincing results that it is regularly used by the Hubble Space Telescope team, among others. Christoph Kaltseis and Picture Instruments have joined forces to simplify the complex calculation processes with a plugin, which enables the user to apply the time-consuming process with just one click, even without prior knowledge.



### **Razor sharp images without image noise**

Sharpening deep sky images is highly complex. The finest details must be emphasized without increasing the image noise. Christoph Kaltseis has spent years researching methods in Photoshop to bring out even the most inconspicuous details in his images. The APF-R process developed from this proves its performance not only through its use in the offices of the Hubble Space Telescope, a collaboration between NASA and ESA, where APF-R is an integral part of the image editing process. The superiority of his method is also shown by the multiple images of Christoph Kaltseis, which were selected as "Astronomy Picture of the Day", like the images of the galaxy M 101 or the triangular galaxy M 33.

## **A plugin that meets the highest standards**

The APF-R plugin allows you to apply Christoph Kaltseis' brilliant but complex method with just one click. Instead of performing up to 50 steps manually in Photoshop and calculating radii with the calculator over and over again, the plugin automatically generates the first result after a few seconds. Even comparing different layer configurations, which Christoph Kaltseis has established over the years, is done at the push of a button. Due to the simple and fast use of the plugin, it is now possible for amateurs as well as for professionals to apply the APF-R method to all images.

## **Website**

[www.pic-in.de/apfr](http://www.pic-in.de/apfr)

## **Video**

YouTube: <https://youtu.be/U10GVjirknk>

## **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 seamless into Photoshop from version 22.

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## **Logos / Box-Shots / Screenshots**

Link to press page: [www.picture-instruments.com/company/press.php](http://www.picture-instruments.com/company/press.php)

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