



EXKURSION KOPPL

Sommersemester 2022

Fotoanalyse und Visualisierung

- Welche Himmelsrichtung wurde fotografiert?
- Wo wurden die Fotos aufgenommen?

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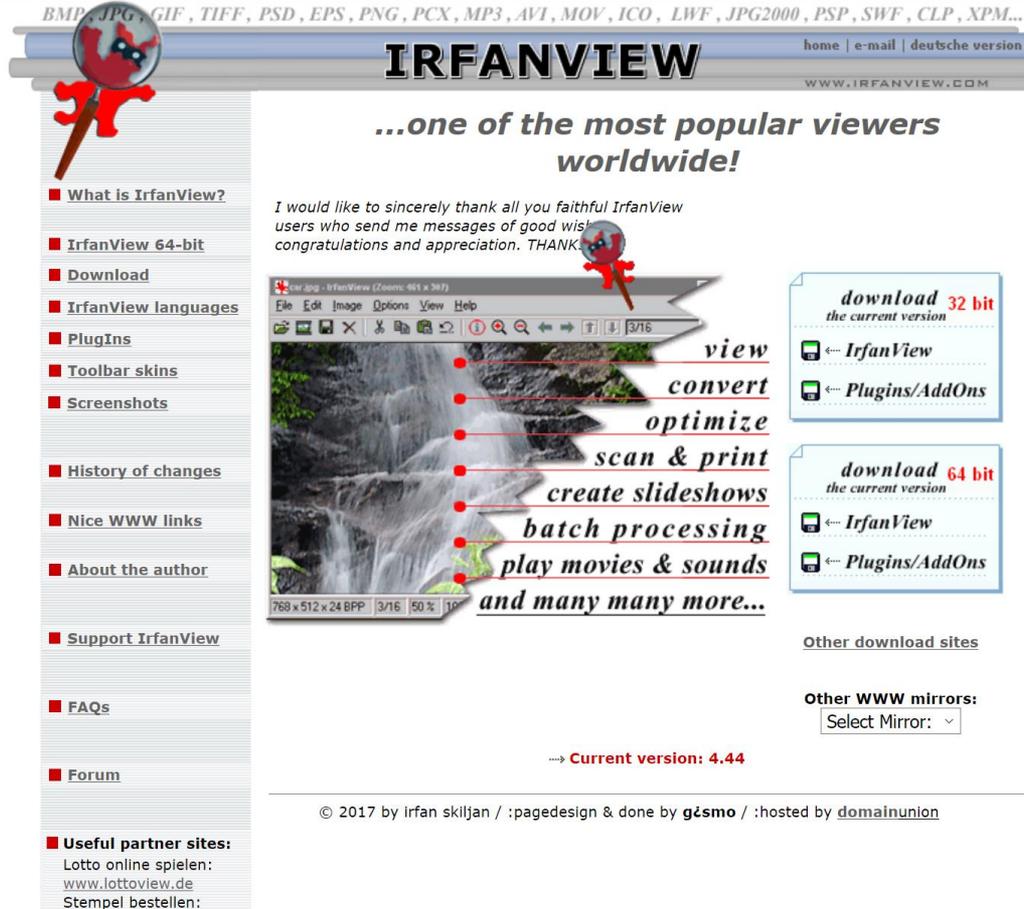
Fotoanalyse

An aerial photograph of a valley. In the foreground, there are dense green forests. A road winds through the valley, passing a large industrial or agricultural building. The middle ground shows rolling green hills with scattered houses and fields. In the background, there are more hills and mountains under a clear sky.

Wo wurde dieses Foto aufgenommen?
Wann wurde dieses Fotos aufgenommen?
Womit wurde dieses Foto aufgenommen?
Welche weiteren Eigenschaften weißt dieses Foto auf?

Irvan View

Für die Analyse und Visualisierung wird das kostenfreie Programm IrvanView empfohlen



BMP, JPG, GIF, TIFF, PSD, EPS, PNG, PCX, MP3, AVI, MOV, ICO, LWF, JPG2000, PSP, SWF, CLP, XPM...

IRFANVIEW home | e-mail | deutsche version
WWW.IRFANVIEW.COM

...one of the most popular viewers worldwide!

I would like to sincerely thank all you faithful IrfanView users who send me messages of good wishes, congratulations and appreciation. THANKS!

view
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batch processing
play movies & sounds
and many many more...

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IrfanView
Plugins/AddOns

download 64 bit
the current version
IrfanView
Plugins/AddOns

Other download sites

Other WWW mirrors:
Select Mirror: ▾

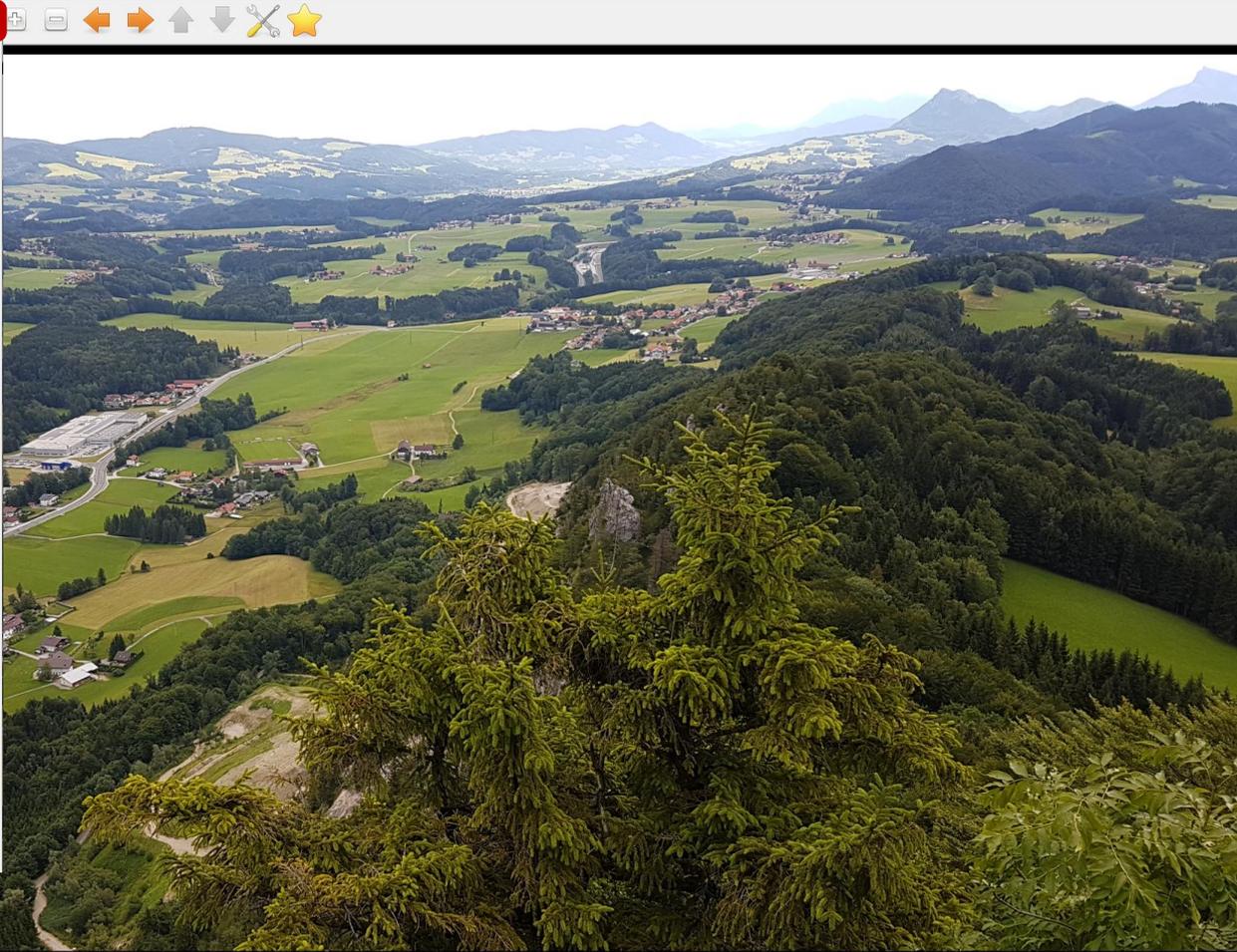
→ **Current version: 4.44**

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- What is IrfanView?
- IrfanView 64-bit
- Download
- IrfanView languages
- PlugIns
- Toolbar skins
- Screenshots
- History of changes
- Nice WWW links
- About the author
- Support IrfanView
- FAQs
- Forum
- Useful partner sites:
Lotto online spielen:
www.lottoview.de
Stempel bestellen:

Information...

- Create New (empty) image... Shift+N
- Create Panorama image...
- Rotate Left (counter-clockwise) L
- Rotate Right (clockwise) R
- Custom/Fine rotation... Ctrl+U
- Vertical Flip V
- Horizontal Flip H
- Resize/Resample... Ctrl+R
- Change canvas size... Shift+V
- Add border/frame... Ctrl+D
- Increase Color Depth...
- Decrease Color Depth...
- Convert to Grayscale Ctrl+G
- Show channel >
- Negative (invert image) >
- Color corrections... Shift+G
- Histogram... Shift+H
- Replace Color...
- Create Tiled images...
- Auto adjust colors Shift+U
- Sharpen Shift+S
- Red eye reduction (selection) Shift+Y
- Effects >
- Adobe 8BF Plugins >
- Swap Colors >
- Palette >



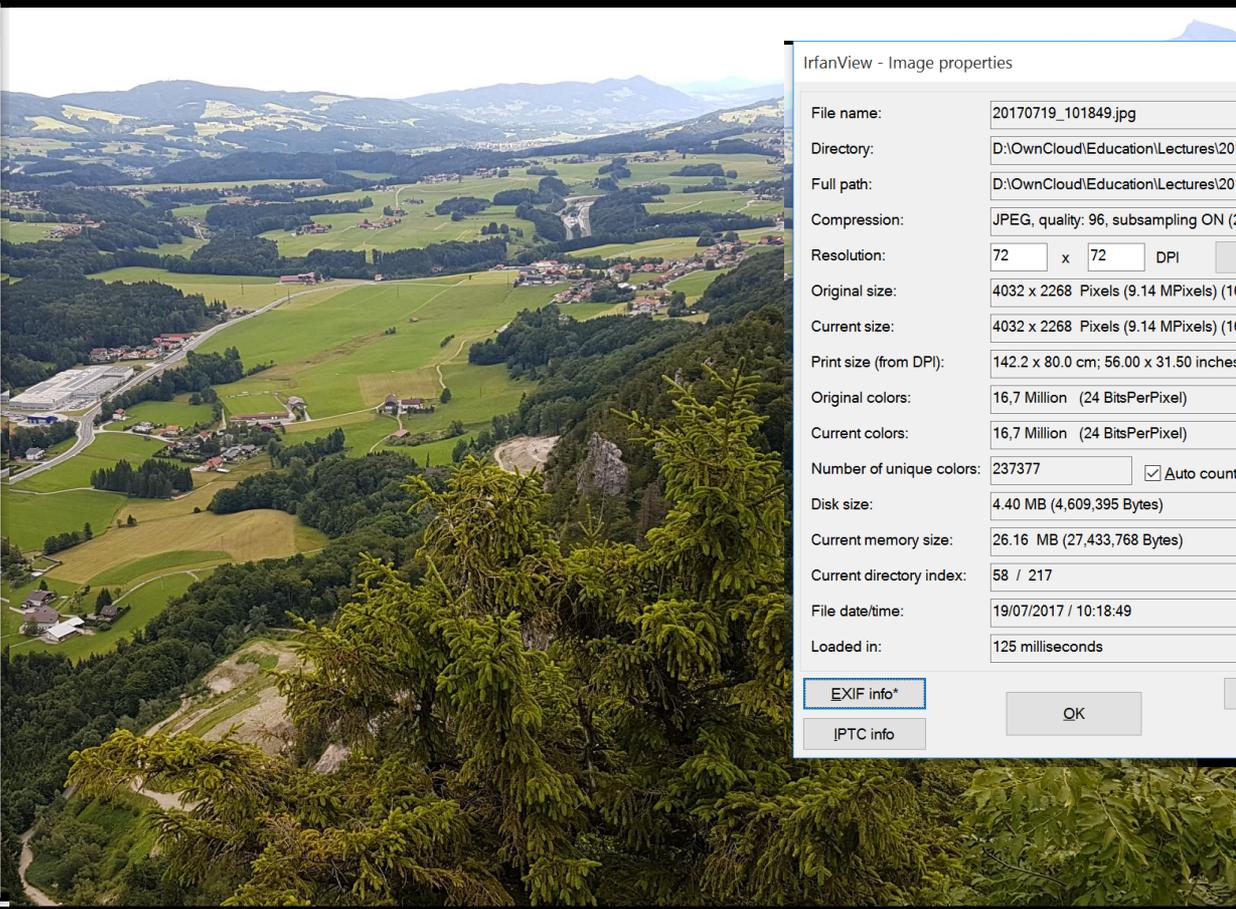


20170719_101849.jpg - EXIF Info

| | |
|------------------------|-------------------------|
| DateTimeOriginal | 2017:07:19 10:18:49 |
| DateTimeDigitized | 2017:07:19 10:18:49 |
| ShutterSpeedValue | 1/787 seconds |
| ApertureValue | F 1.70 |
| BrightnessValue | 7.46 |
| ExposureBiasValue | 0.00 |
| MaxApertureValue | F 1.70 |
| MeteringMode | Center weighted average |
| Flash | Not fired |
| FocalLength | 4.20 mm |
| UserComment | |
| SubsecTime | ◆ |
| SubsecTimeOriginal | ◆ |
| SubsecTimeDigitized | ◆ |
| FlashPixVersion | 0100 |
| ColorSpace | sRGB |
| ExifImageWidth | 4032 |
| ExifImageHeight | 2268 |
| InteroperabilityOffset | 840 |
| ExposureMode | Auto |
| White Balance | Auto |
| FocalLengthIn35mmFilm | 26 mm |
| SceneCaptureType | Standard |

| | |
|------------------|----------------------|
| GPS information: | |
| GPSVersionID | 2.2.0.0 |
| GPSLatitudeRef | N |
| GPSLatitude | 47 48 57 (47.815833) |
| GPSLongitudeRef | E |
| GPSLongitude | 13 7 12 (13.120000) |
| GPSAltitudeRef | Sea level |
| GPSAltitude | 1068 m |
| GPSTimeStamp | 8 18 46 |
| GPSDateStamp | 2017:07:19 |

Copy to clipboard **Show in OpenStreet.** Show in Google Earth
 Show in GeoHack-Wiki Exit Show in Google Maps



IrfanView - Image properties

| | |
|--------------------------|---|
| File name: | 20170719_101849.jpg |
| Directory: | D:\OwnCloud\Education\Lectures\2017-2018\UE Ph |
| Full path: | D:\OwnCloud\Education\Lectures\2017-2018\UE Ph |
| Compression: | JPEG, quality: 96, subsampling ON (2x1) |
| Resolution: | 72 x 72 DPI Change |
| Original size: | 4032 x 2268 Pixels (9.14 MPixels) (16:9) |
| Current size: | 4032 x 2268 Pixels (9.14 MPixels) (16:9) |
| Print size (from DPI): | 142.2 x 80.0 cm; 56.00 x 31.50 inches |
| Original colors: | 16,7 Million (24 BitsPerPixel) |
| Current colors: | 16,7 Million (24 BitsPerPixel) |
| Number of unique colors: | 237377 <input checked="" type="checkbox"/> Auto count |
| Disk size: | 4.40 MB (4,609,395 Bytes) |
| Current memory size: | 26.16 MB (27,433,768 Bytes) |
| Current directory index: | 58 / 217 |
| File date/time: | 19/07/2017 / 10:18:49 |
| Loaded in: | 125 milliseconds |

EXIF info* OK Comment
 IPTC info

Lage in Open Street Map

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ステイト・オブ・ザ・マップ
STATE OF THE MAP
Nagasaki Wakamatsu, Japan 2017

300 m
1000 ft

