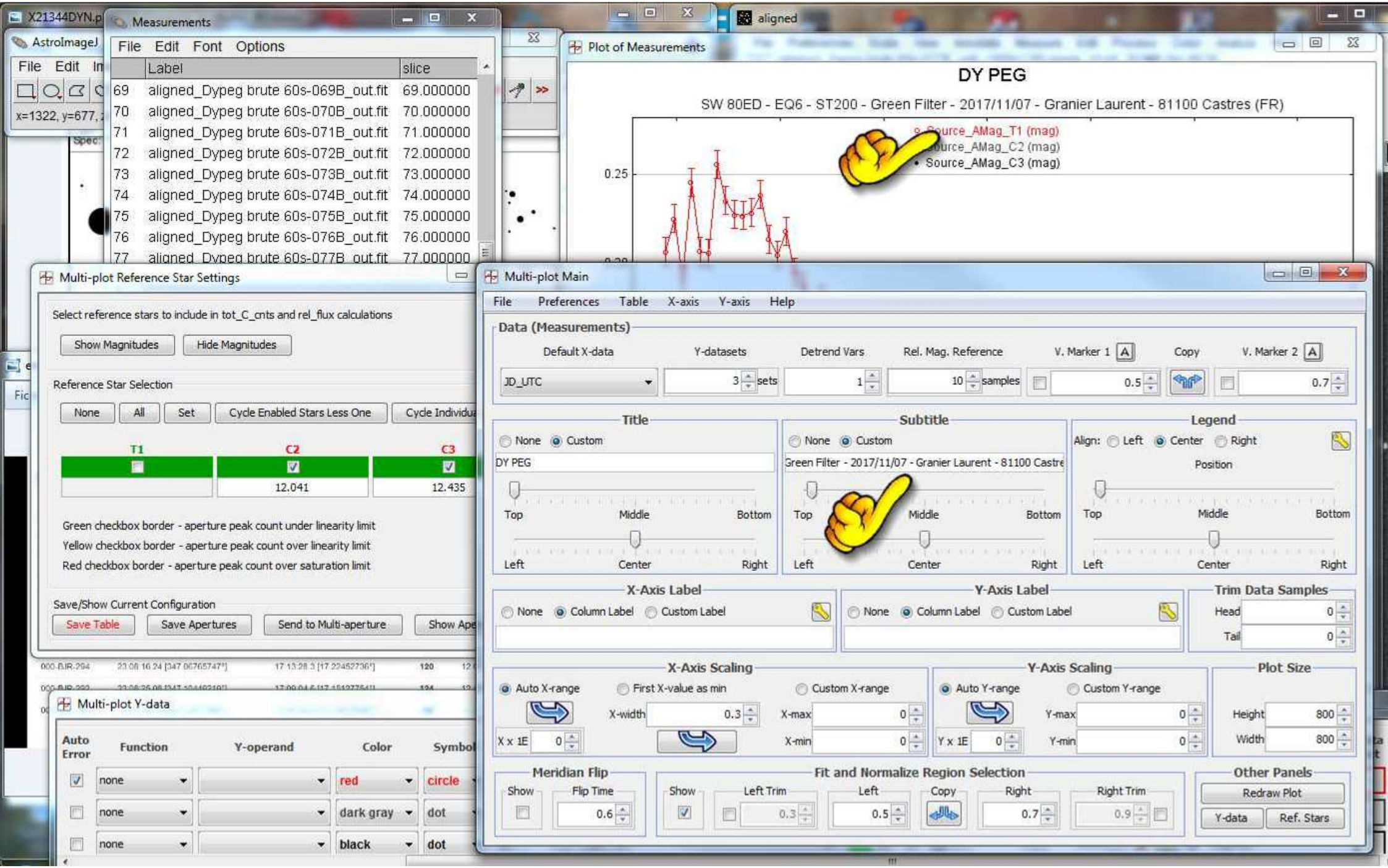
Measurements
File Edit Font Options
Label slice
69 aligned_Dypeg brute 60s-069B_out.fit 69.000000
70 aligned_Dypeg brute 60s-070B_out.fit 70.000000
71 aligned_Dypeg brute 60s-071B_out.fit 71.000000
72 aligned_Dypeg brute 60s-072B_out.fit 72.000000
73 aligned_Dypeg brute 60s-073B_out.fit 73.000000
74 aligned_Dypeg brute 60s-074B_out.fit 74.000000
75 aligned_Dypeg brute 60s-075B_out.fit 75.000000
76 aligned_Dypeg brute 60s-076B_out.fit 76.000000
77 aligned_Dypeg brute 60s-077B_out.fit 77.000000
Plot of Measurements
DY PEG
SW 80ED - EQ6 - ST200 - Green Filter - 2017/11/07 - Granier Laurent - 81100 Castres (FR)
Source_AMag_T1 (mag)
Source_AMag_C2 (mag)
Source_AMag_C3 (mag)
0.25
aligned
Multi-plot Reference Star Settings
Select reference stars to include in tot_C_cnts and rel_flux calculations
Show Magnitudes
Hide Magnitudes
Reference Star Selection
None
All
Set
Cycle Enabled Stars Less One
T1
C2
C3
12.041
12.435
Green checkbox border - aperture peak count under linearity limit
Yellow checkbox border - aperture peak count over linearity limit
Red checkbox border - aperture peak count over saturation limit
Save/Show Current Configuration
Save Table
Save Apertures
Send to Multi-aperture
Multi-plot Main
File Preferences Table X-axis Y-axis Help
Data (Measurements)
Default X-data
Y-datasets
Detrend Vars
Rel. Mag. Reference
V. Marker 1
Copy
V. Marker 2
JD_UTC
3 sets
1
10 samples
0.5
0.7
Title
None Custom
DY PEG
Subtitle
None Custom
Green Filter - 2017/11/07 - Granier Laurent - 81100 Castre
Legend
Align: Left Center Right
Position
Top Middle Bottom
Left Center Right
X-Axis Label
None Column Label Custom Label
Y-Axis Label
None Column Label Custom Label
Trim Data Samples
Head 0
Tail 0
X-Axis Scaling
Auto X-range
First X-value as min
Custom X-range
X-width 0.3
X x 1E 0
X-max 0
X-min 0
Y-Axis Scaling
Auto Y-range
Custom Y-range
Y-max 0
Y x 1E 0
Y-min 0
Plot Size
Height 800
Width 800
Meridian Flip
Show
Flip Time 0.6
Fit and Normalize Region Selection
Show
Left Trim 0.3
Left 0.5
Copy
Right 0.7
Right Trim 0.9
Other Panels
Redraw Plot
Y-data
Ref. Stars
Multi-plot Y-data
Auto Error
Function
Y-operand
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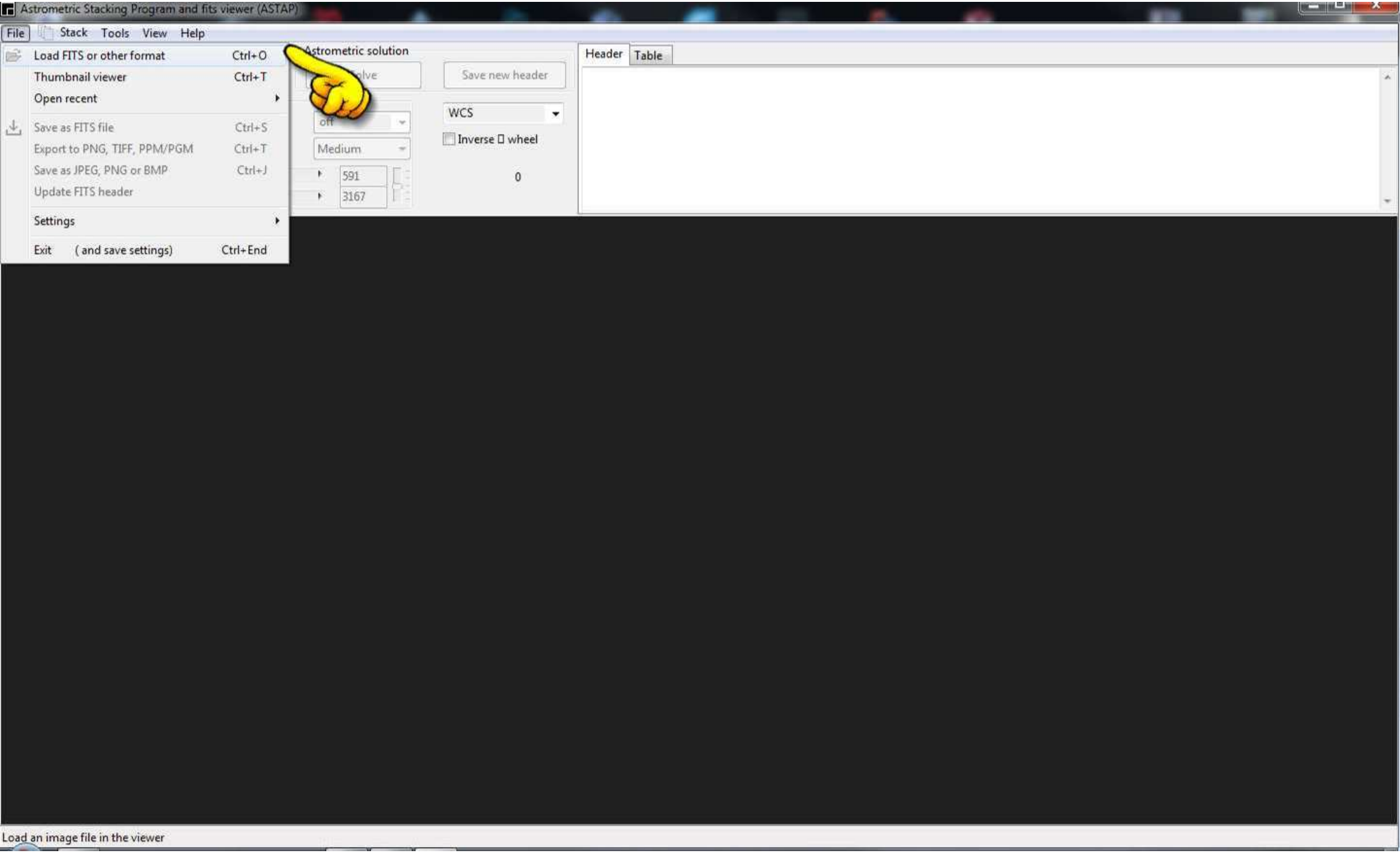
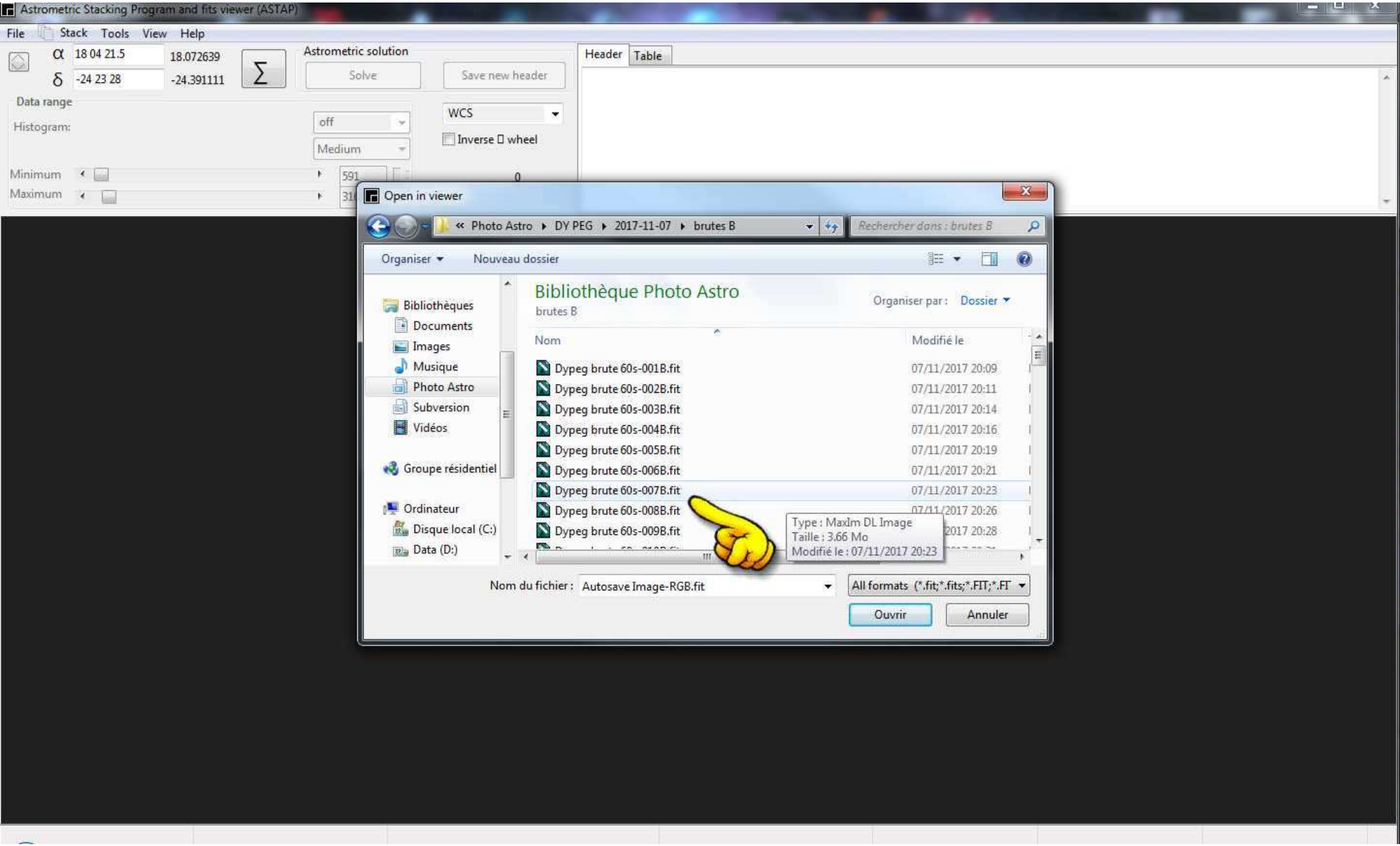
none red circle
none dark gray dot
none black dot


Astrometric Stacking Program and fits viewer (ASTAP)
File
Stack
Tools
View
Help
Load FITS or other format Ctrl+O
Thumbnail viewer Ctrl+T
Open recent
Save as FITS file Ctrl+S
Export to PNG, TIFF, PPM/PGM Ctrl+T
Save as JPEG, PNG or BMP Ctrl+J
Update FITS header
Settings
Exit (and save settings) Ctrl+End
Astrometric solution
Save new header
WCS
Inverse wheel
Medium
591
3167
0
Header
Table
Load an image file in the viewer


Astrometric Stacking Program and fits viewer (ASTAP)
File
Stack
Tools
View
Help
α 18 04 21.5
18.072639
δ -24 23 28
-24.391111
Astrometric solution
Solve
Save new header
Header
Table
Data range
Histogram:
off
Medium
WCS
Inverse wheel
Minimum
Maximum
Open in viewer
« Photo Astro ▸ DY PEG ▸ 2017-11-07 ▸ brutes B
Rechercher dans : brutes B
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Nouveau dossier
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Images
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Bibliothèque Photo Astro
brutes B
Organiser par : Dossier
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Dypeg brute 60s-002B.fit 07/11/2017 20:11
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Dypeg brute 60s-004B.fit 07/11/2017 20:16
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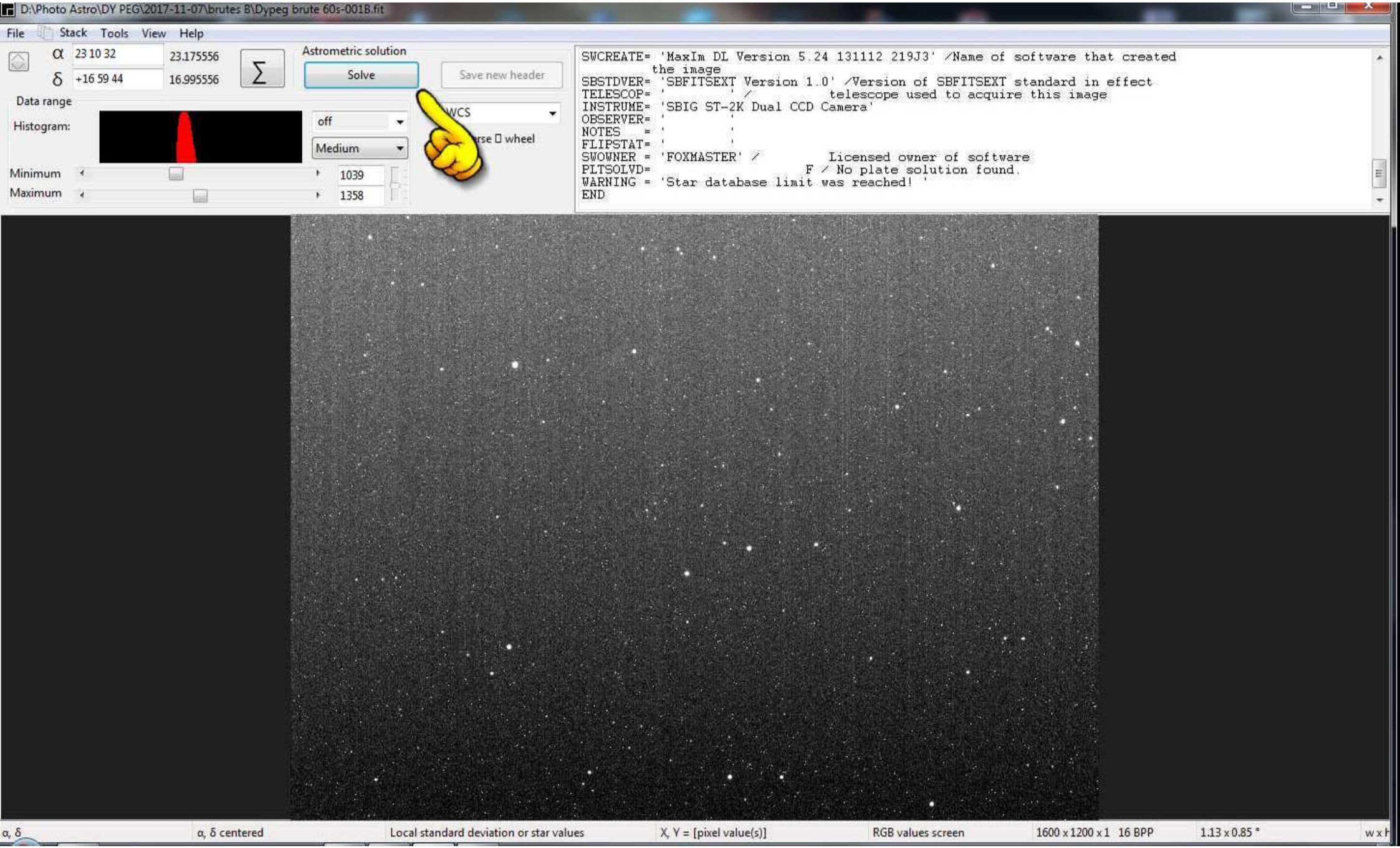
Dypeg brute 60s-006B.fit 07/11/2017 20:21
Dypeg brute 60s-007B.fit 07/11/2017 20:23
Dypeg brute 60s-008B.fit
Dypeg brute 60s-009B.fit
Type : MaxIm DL Image
Taille : 3.66 Mo
Modifié le : 07/11/2017 20:23
Nom du fichier : Autosave Image-RGB.fit
All formats (*.fit;*.fits;*.FIT;*.FT
Ouvrir
Annuler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Tools
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Help
α 23 10 32
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δ +16 59 44
16.995556
Astrometric solution
Solve
Save new header
Data range
Histogram:
off
Medium
WCS
Minimum
1039
Maximum
1358
SWCREATE= 'MaxIm DL Version 5.24 131112 219J3' /Name of software that created the image
SBSTDVER= 'SBFITSEXT Version 1.0' /Version of SBFITSEXT standard in effect
TELESCOP= ' ' / telescope used to acquire this image
INSTRUME= 'SBIG ST-2K Dual CCD Camera'
OBSERVER= ' '
NOTES = ' '
FLIPSTAT= ' '
SWOWNER = 'FOXMASTER' / Licensed owner of software
PLTSOLVD= F / No plate solution found.
WARNING = 'Star database limit was reached! '
END
α, δ
α, δ centered
Local standard deviation or star values
X, Y = [pixel value(s)]
RGB values screen
1600 x 1200 x 1 16 BPP
1.13 x 0.85 °

D:\Photo Astro\DY PEG\2017-11-07\brutes B\Dypeg brute 60s-001B.fit

File Stack Tools View Help

α 23 10 32 23.175556

δ +16 59 44 16.995556

Astrometric solution

Solve

Save new header

Data range

Histogram:

off

Medium

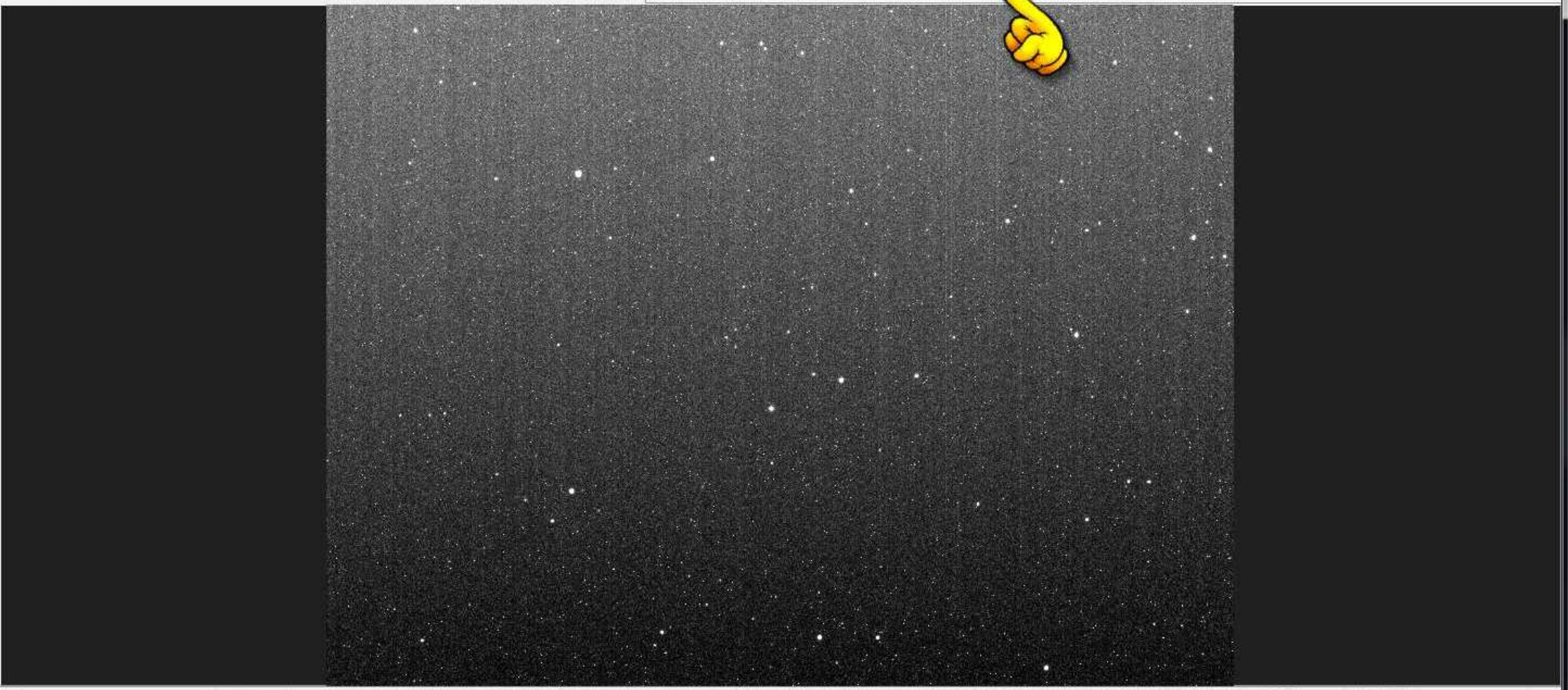
WCS

Inverse wheel

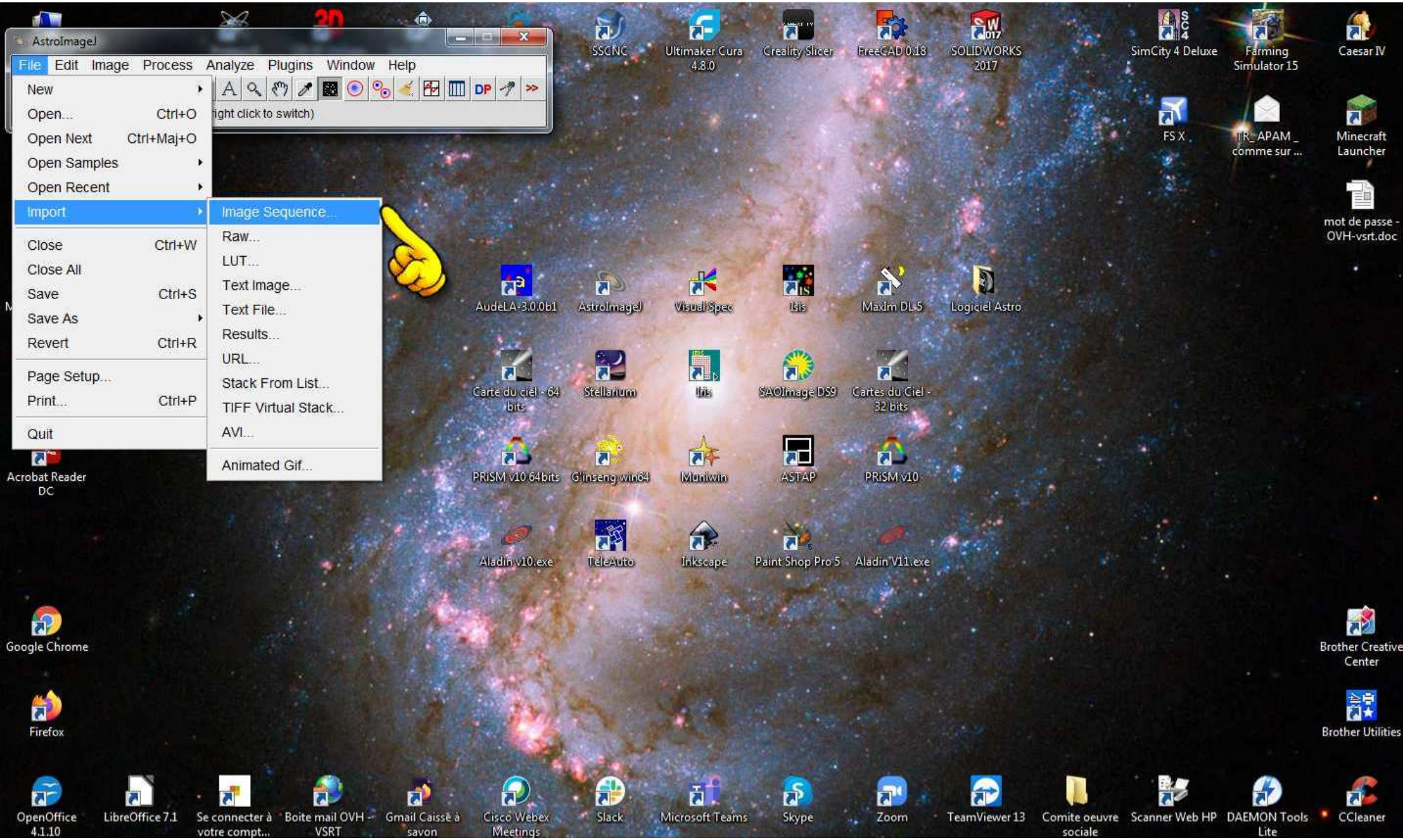
Minimum 1039

Maximum 1358

```
SWCREATE= 'MaxIm DL Version 5.24 131112 219J3' /Name of software that created
          the image
SBSTDVER= 'SBFITSEXT Version 1.0' /Version of SBFITSEXT standard in effect
TELESCOP= '          ' /          telescope used to acquire this image
INSTRUME= 'SBIG ST-2K Dual CCD Camera'
OBSERVER= '          '
NOTES   = '          '
FLIPSTAT= '          '
SWOWNER = 'FOXMASTER' /          Licensed owner of software
PLTSOLVD=                      F / No plate solution found.
WARNING = 'Star database limit was reached! '
END
```



α, δ | α, δ centered | Local standard deviation or star values | X, Y = [pixel value(s)] | RGB values screen | 1600 x 1200 x 1 16 BPP | 1.13 x 0.85 ° | w x h


AstroImageJ
File Edit Image Process Analyze Plugins Window Help
New
Open... Ctrl+O
Open Next Ctrl+Maj+O
Open Samples
Open Recent
Import
Close Ctrl+W
Close All
Save Ctrl+S
Save As
Revert Ctrl+R
Page Setup...
Print... Ctrl+P
Quit
Image Sequence...
Raw...
LUT...
Text Image...
Text File...
Results...
URL...
Stack From List...
TIFF Virtual Stack...
AVI...
Animated Gif...
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
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Farming Simulator 15
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Aladin V11.exe
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Brother Utilities
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LibreOffice 7.1
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Microsoft Teams
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Zoom
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Scanner Web HP
DAEMON Tools Lite
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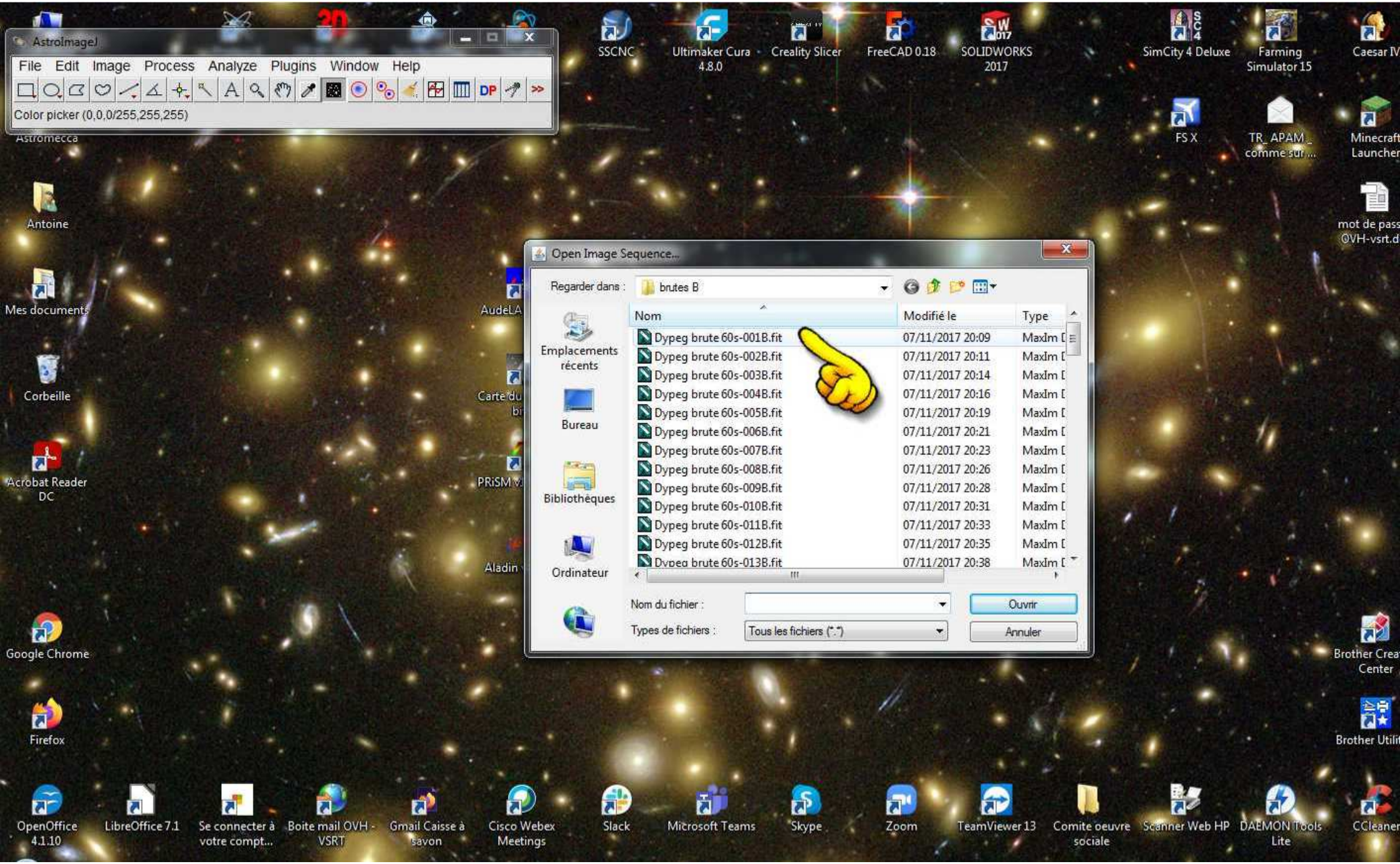
AstroImageJ
File Edit Image Process Analyze Plugins Window Help
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Types de fichiers : Tous les fichiers (*.*)
Ouvrir
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SSCNC
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Creality Slicer
FreeCAD 0.18
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SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
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Scanner Web HP
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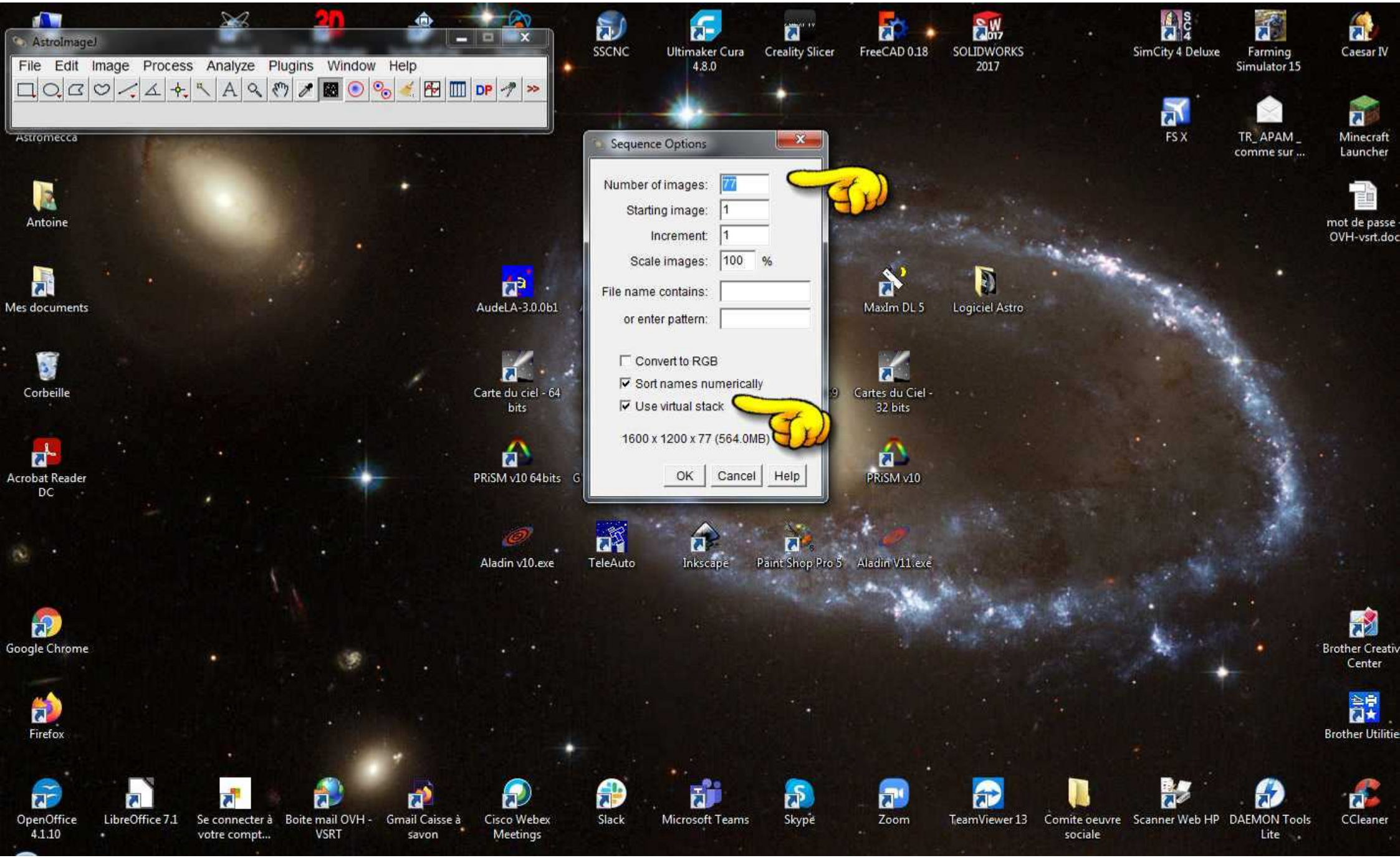
AstroImageJ
File Edit Image Process Analyze Plugins Window Help
Sequence Options
Number of images: 77
Starting image: 1
Increment: 1
Scale images: 100 %
File name contains:
or enter pattern:
Convert to RGB
Sort names numerically
Use virtual stack
1600 x 1200 x 77 (564.0MB)
OK Cancel Help
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Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
SOLIDWORKS 2017
SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
FS X
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Minecraft Launcher
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MaxIm DL 5
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Corbeille
Carte du ciel - 64 bits
Cartes du Ciel - 32 bits
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Scanner Web HP
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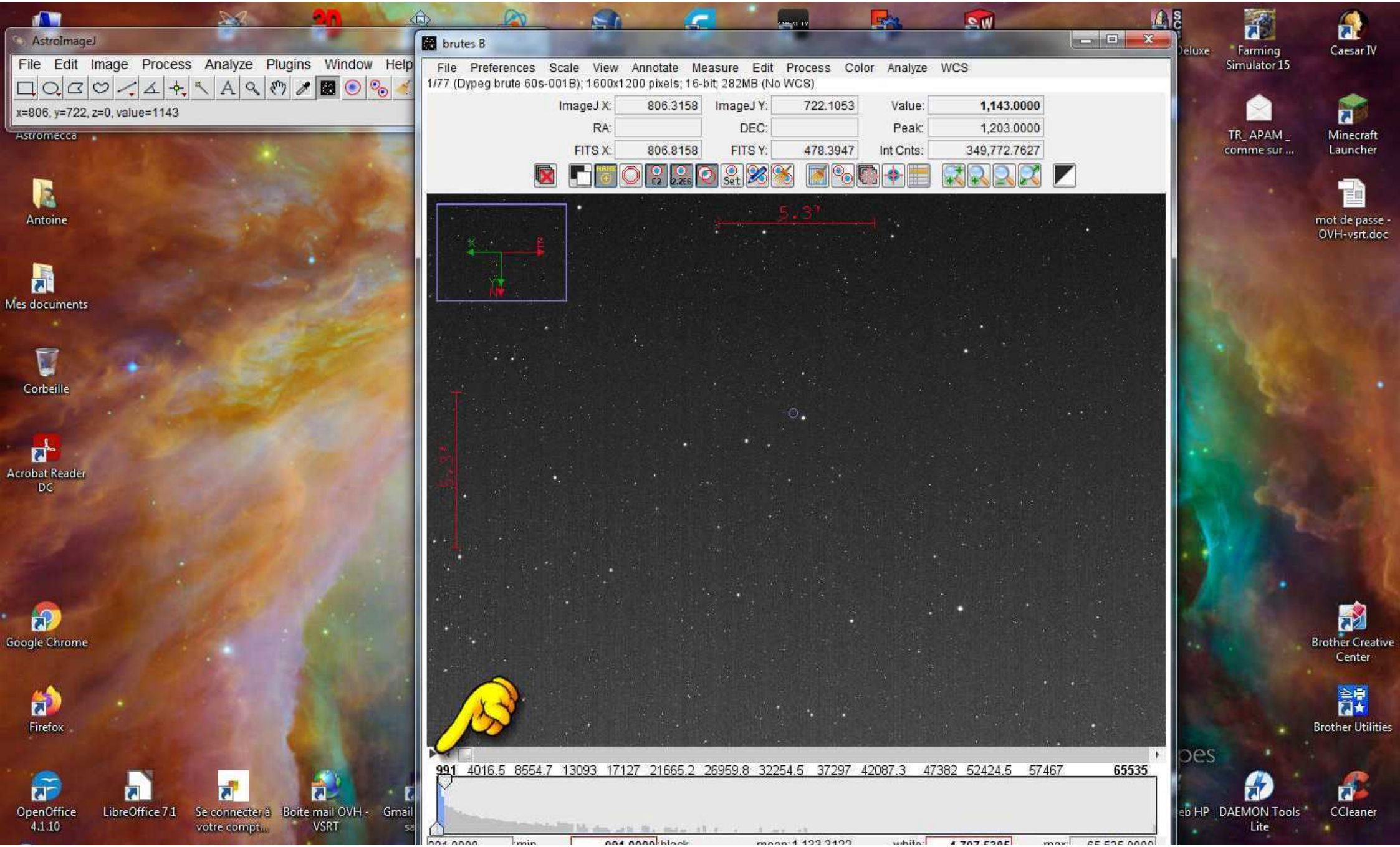
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x=806, y=722, z=0, value=1143
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1/77 (Dypeg brute 60s-001B); 1600x1200 pixels; 16-bit; 282MB (No WCS)
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Brother Creative Center
Brother Utilities
DAEMON Tools Lite
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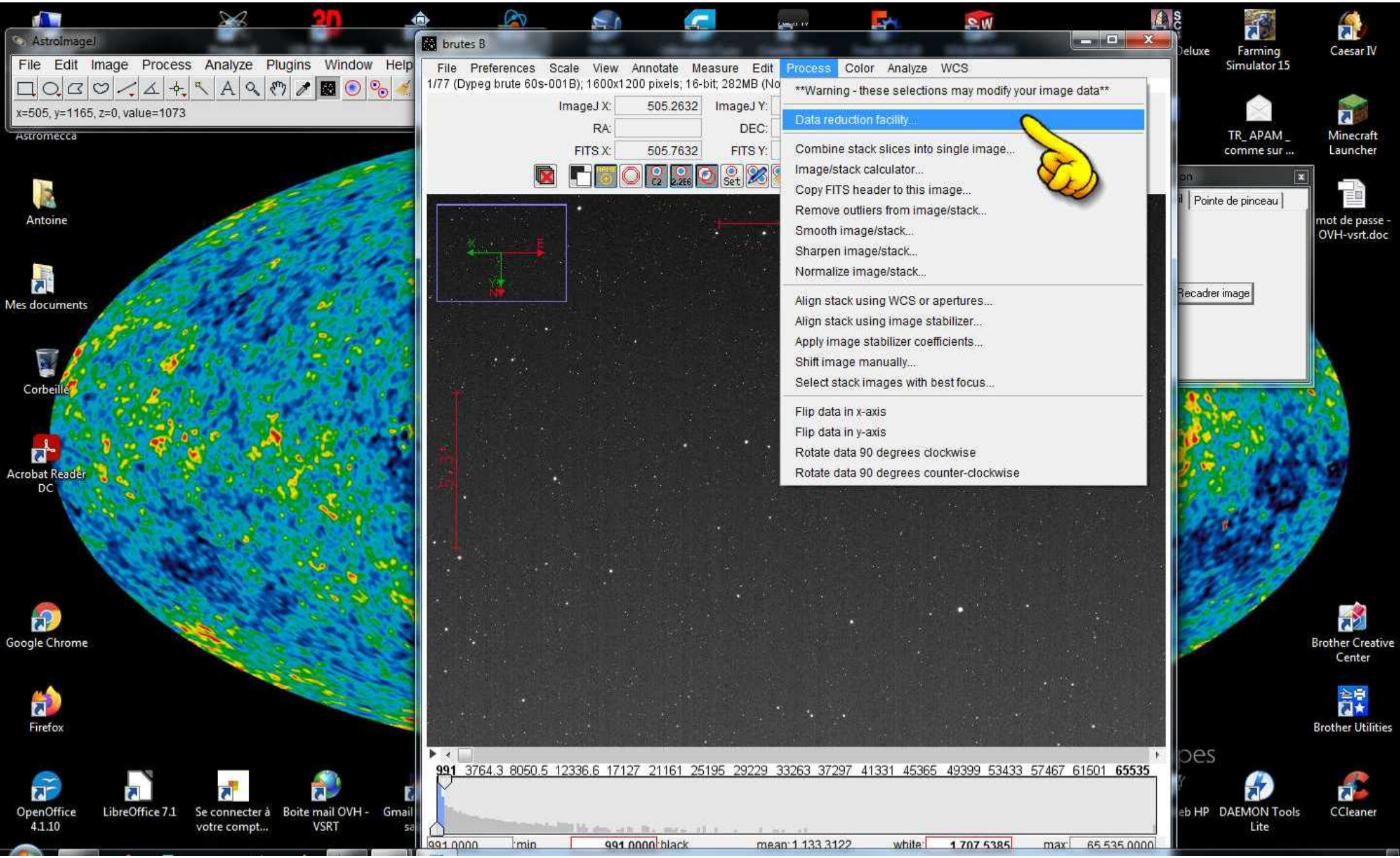
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RA: DEC:
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Warning - these selections may modify your image data
Data reduction facility...
Combine stack slices into single image...
Image/stack calculator...
Copy FITS header to this image...
Remove outliers from image/stack...
Smooth image/stack...
Sharpen image/stack...
Normalize image/stack...
Align stack using WCS or apertures...
Align stack using image stabilizer...
Apply image stabilizer coefficients...
Shift image manually...
Select stack images with best focus...
Flip data in x-axis
Flip data in y-axis
Rotate data 90 degrees clockwise
Rotate data 90 degrees counter-clockwise
991 3764.3 8050.5 12336.6 17127 21161 25195 29229 33263 37297 41331 45365 49399 53433 57467 61501 65535
991.0000 min 991.0000 black mean: 1 133.3122 white 1 707.5385 max 65 535.0000
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Brother Utilities
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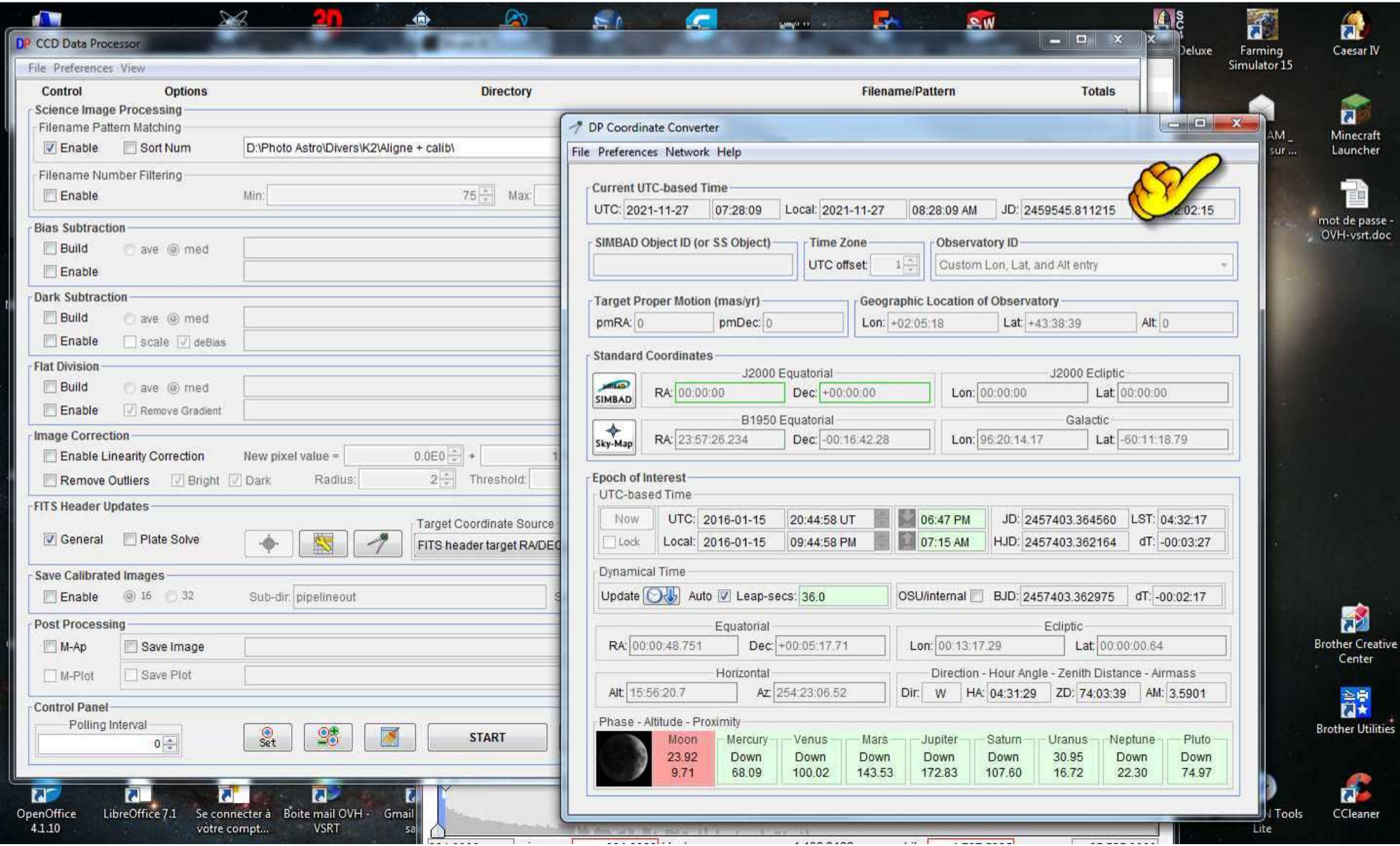
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UTC: 2021-11-27
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JD: 2459545.811215
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UTC offset:
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Target Proper Motion (mas/yr)
pmRA: 0
pmDec: 0
Geographic Location of Observatory
Lon: +02:05:18
Lat: +43:38:39
Alt: 0
Standard Coordinates
SIMBAD
J2000 Equatorial
RA: 00:00:00
Dec: +00:00:00
J2000 Ecliptic
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Lat: 00:00:00
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Dec: -00:16:42.28
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20:44:58 UT
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JD: 2457403.364560
LST: 04:32:17
Local: 2016-01-15
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07:15 AM
HJD: 2457403.362164
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Leap-secs: 36.0
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BJD: 2457403.362975
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Lon: 00:13:17.29
Lat: 00:00:00.64
Horizontal
Alt: 15:56:20.7
Az: 254:23:06.52
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ZD: 74:03:39
AM: 3.5901
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Mercury Down 68.09
Venus Down 100.02
Mars Down 143.53
Jupiter Down 172.83
Saturn Down 107.60
Uranus 30.95 16.72
Neptune Down 22.30
Pluto Down 74.97
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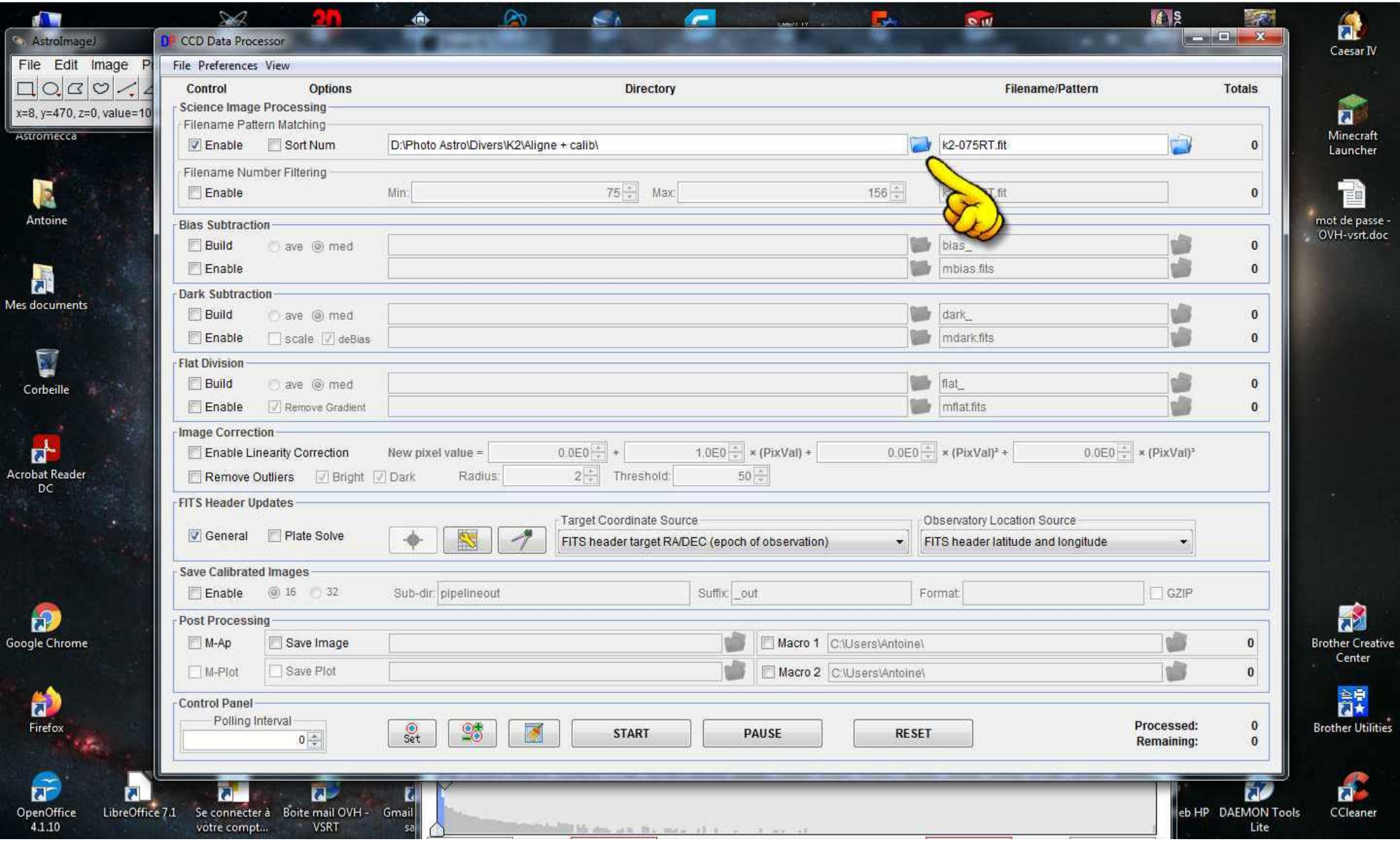
AstroImageJ
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Image Correction
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New pixel value =
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Remove Outliers
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FITS Header Updates
General
Plate Solve
Target Coordinate Source
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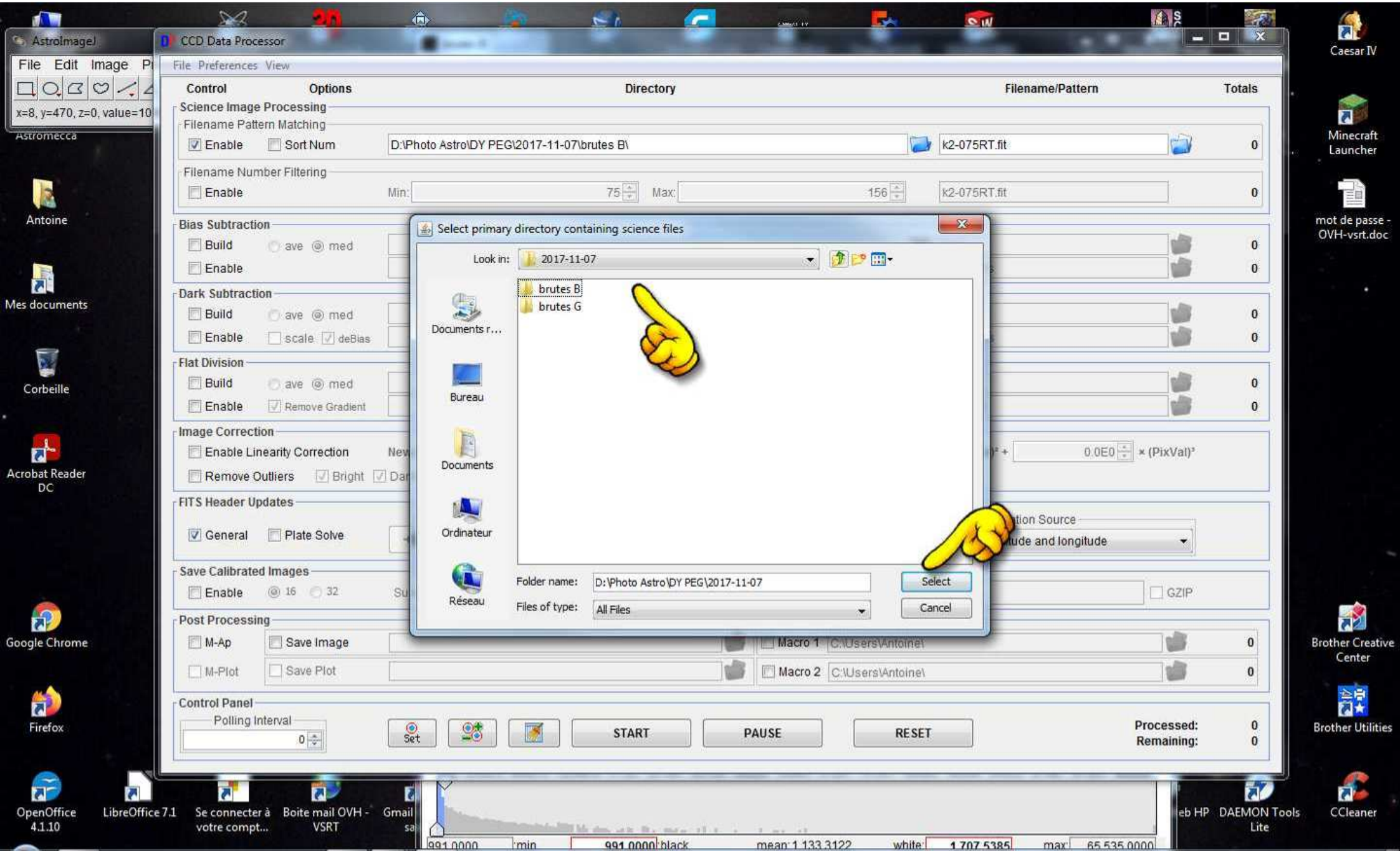
AstroImageJ
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Save Plot
Macro 1
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OpenOffice 4.1.10
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Se connecter à votre compt...
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Caesar IV
Minecraft Launcher
mot de passe - OVH-vsrt.doc
Brother Creative Center
Brother Utilities
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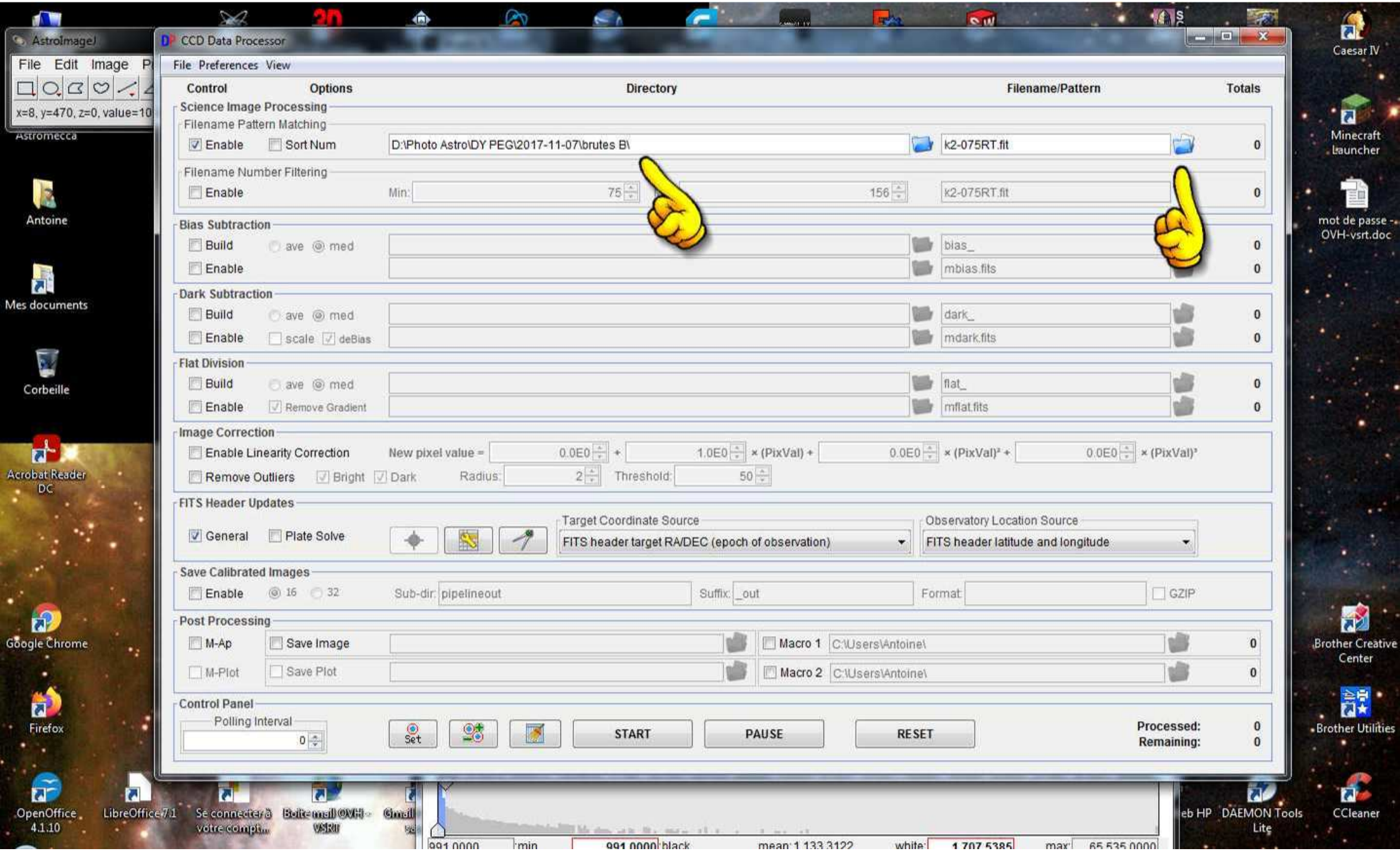
CCleaner


AstroImageJ
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FITS Header Updates
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Plate Solve
Target Coordinate Source
FITS header target RA/DEC (epoch of observation)
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FITS header latitude and longitude
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Brother Creative Center
Brother Utilities
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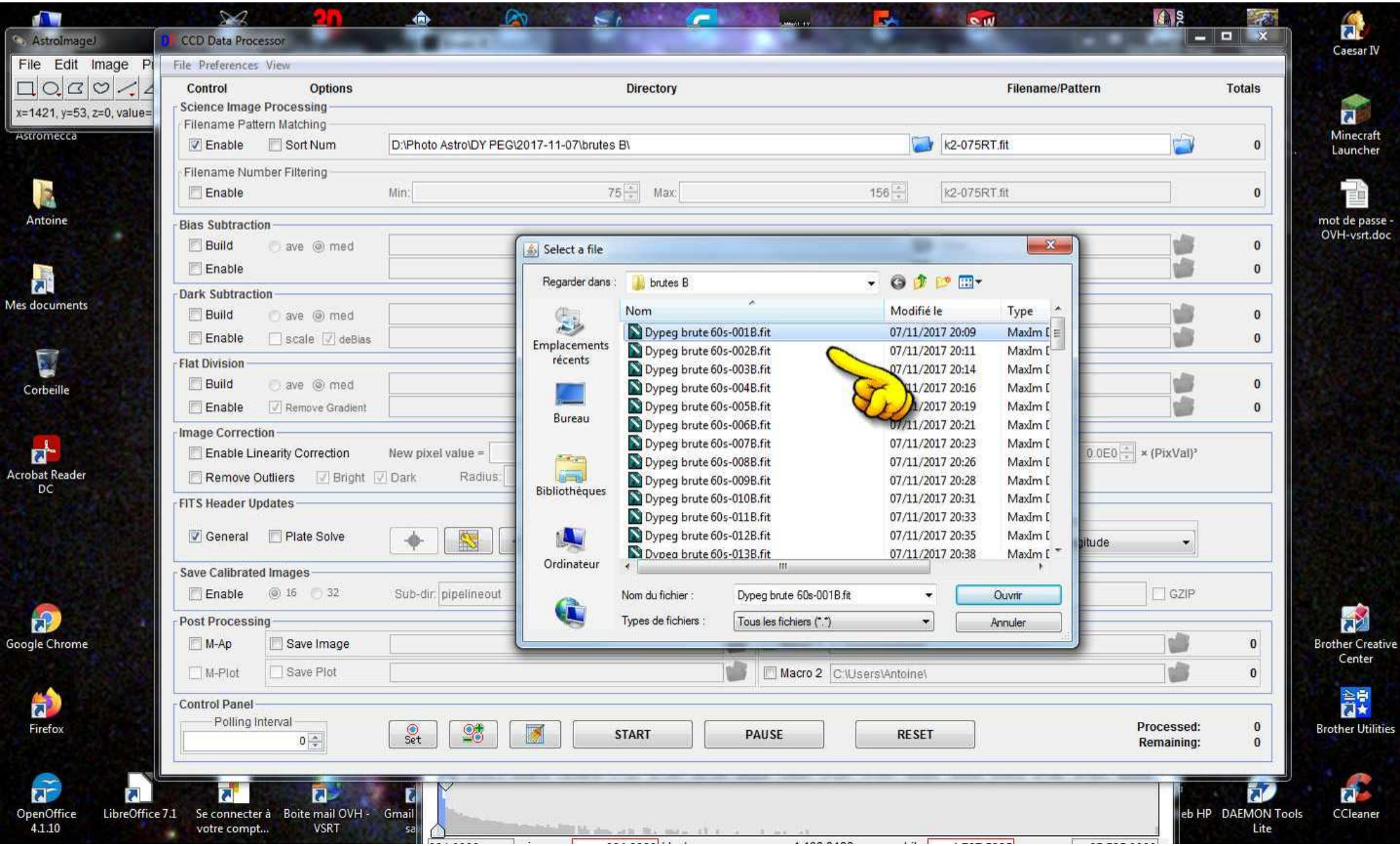
DAEMON Tools Lite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Se connecter à votre compt...
Boite mail OVH - VSRT
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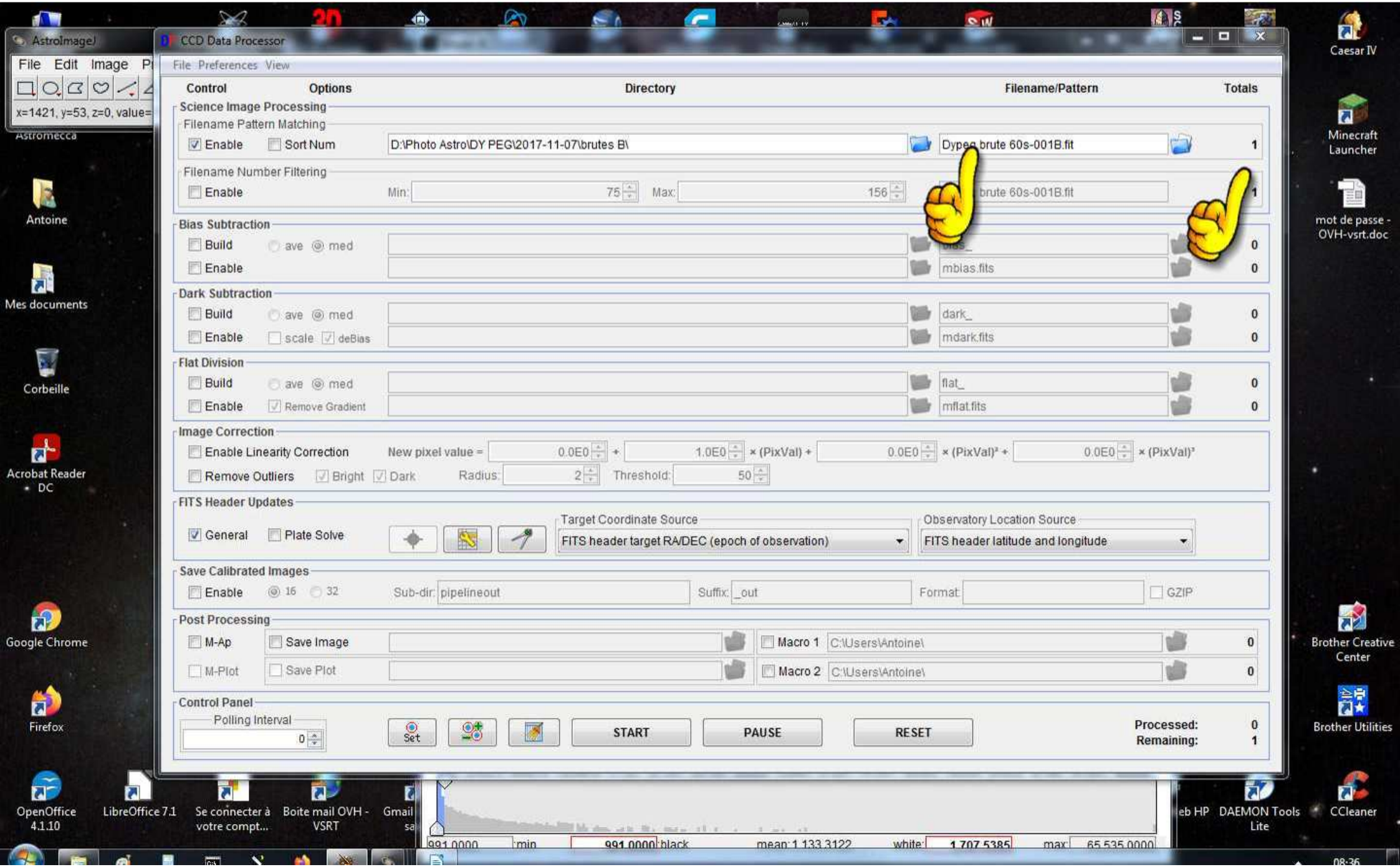
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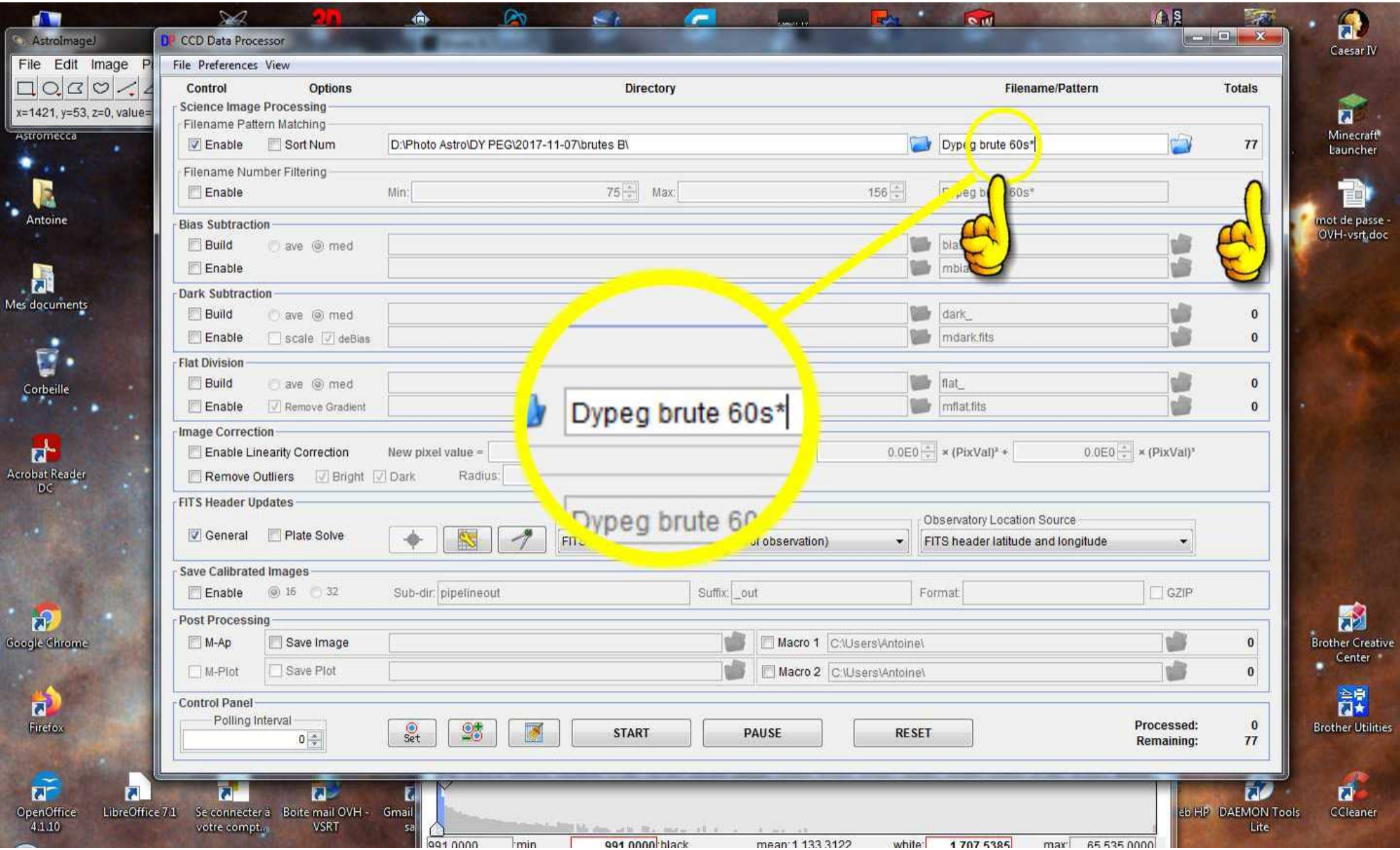
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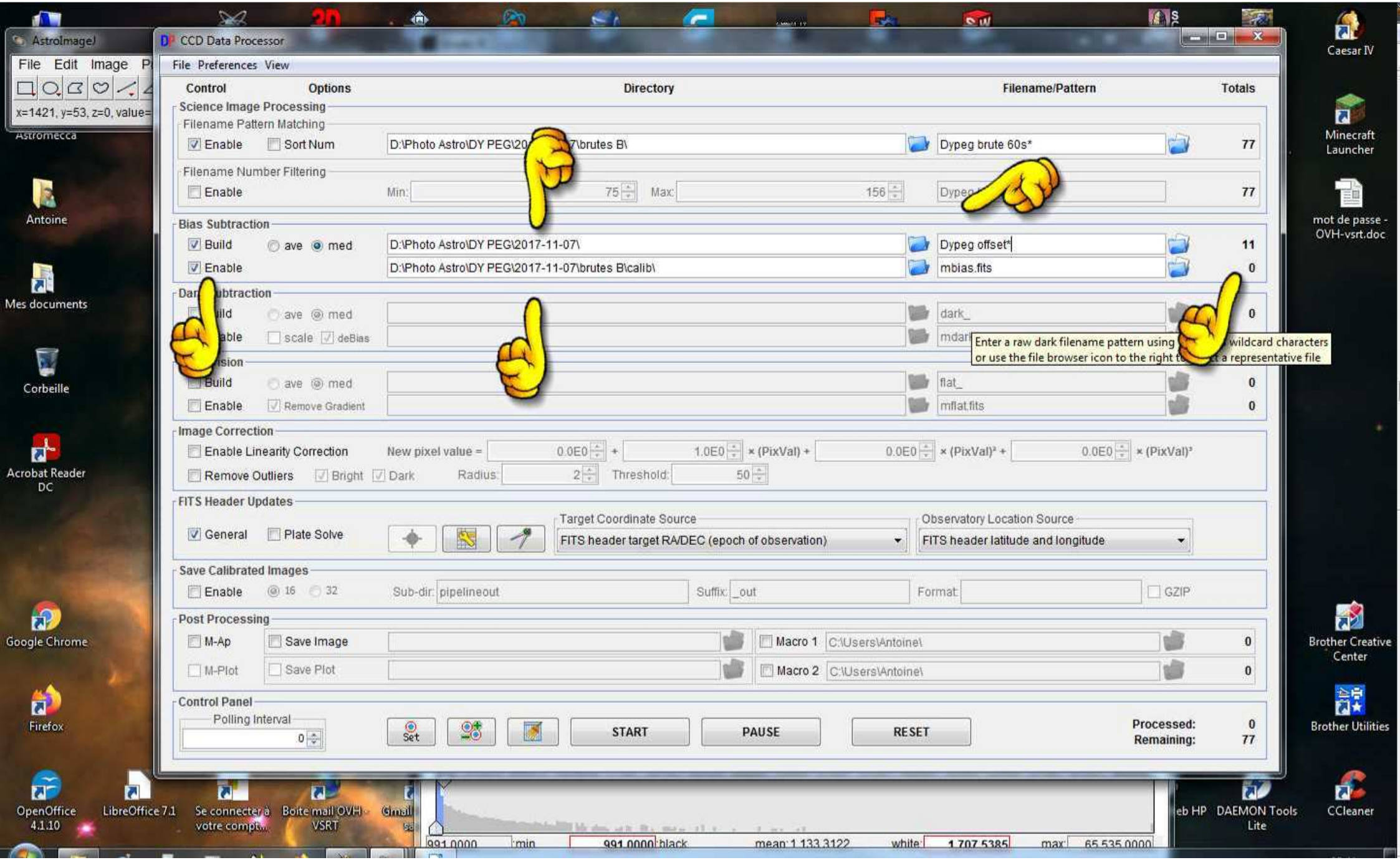
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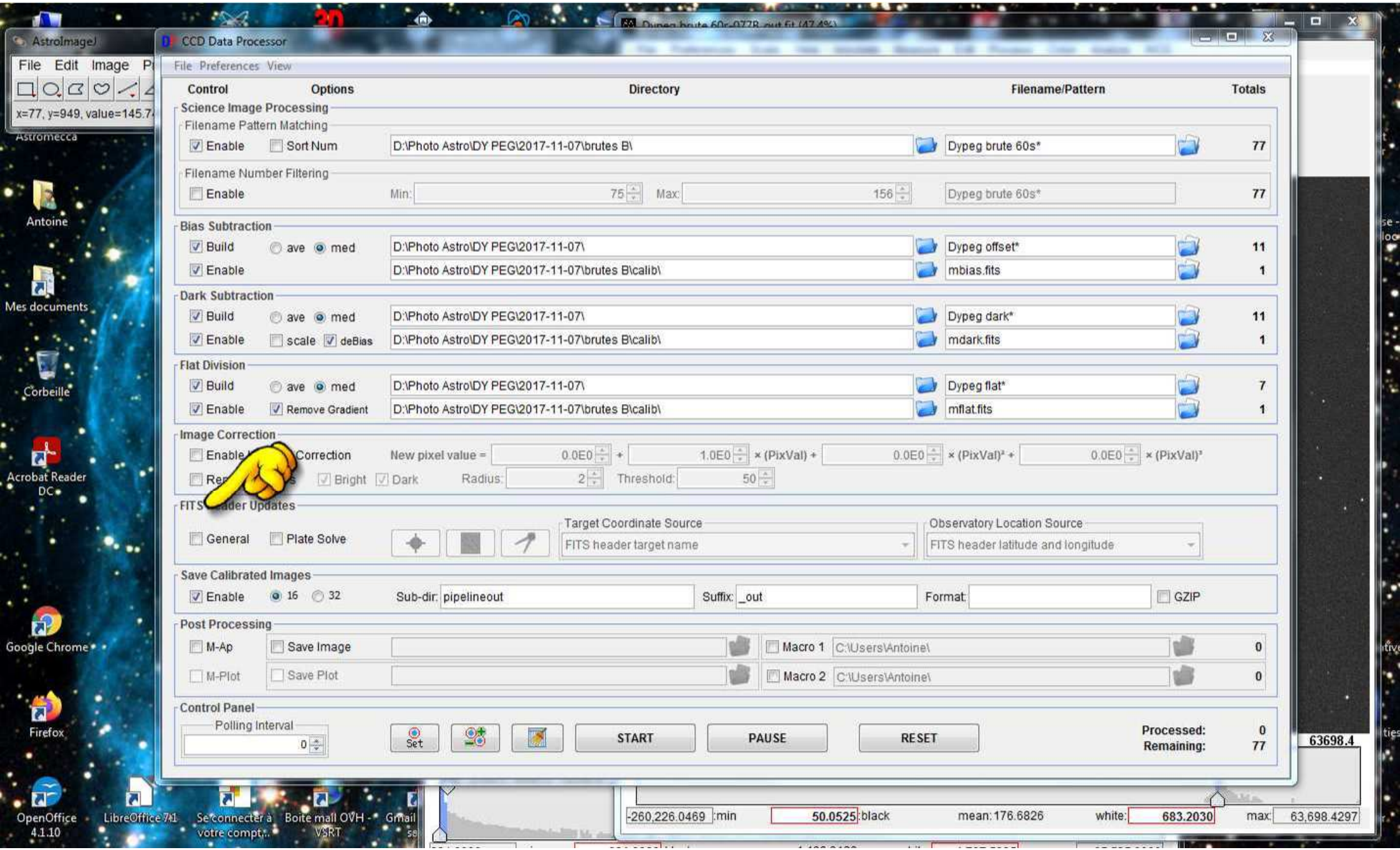
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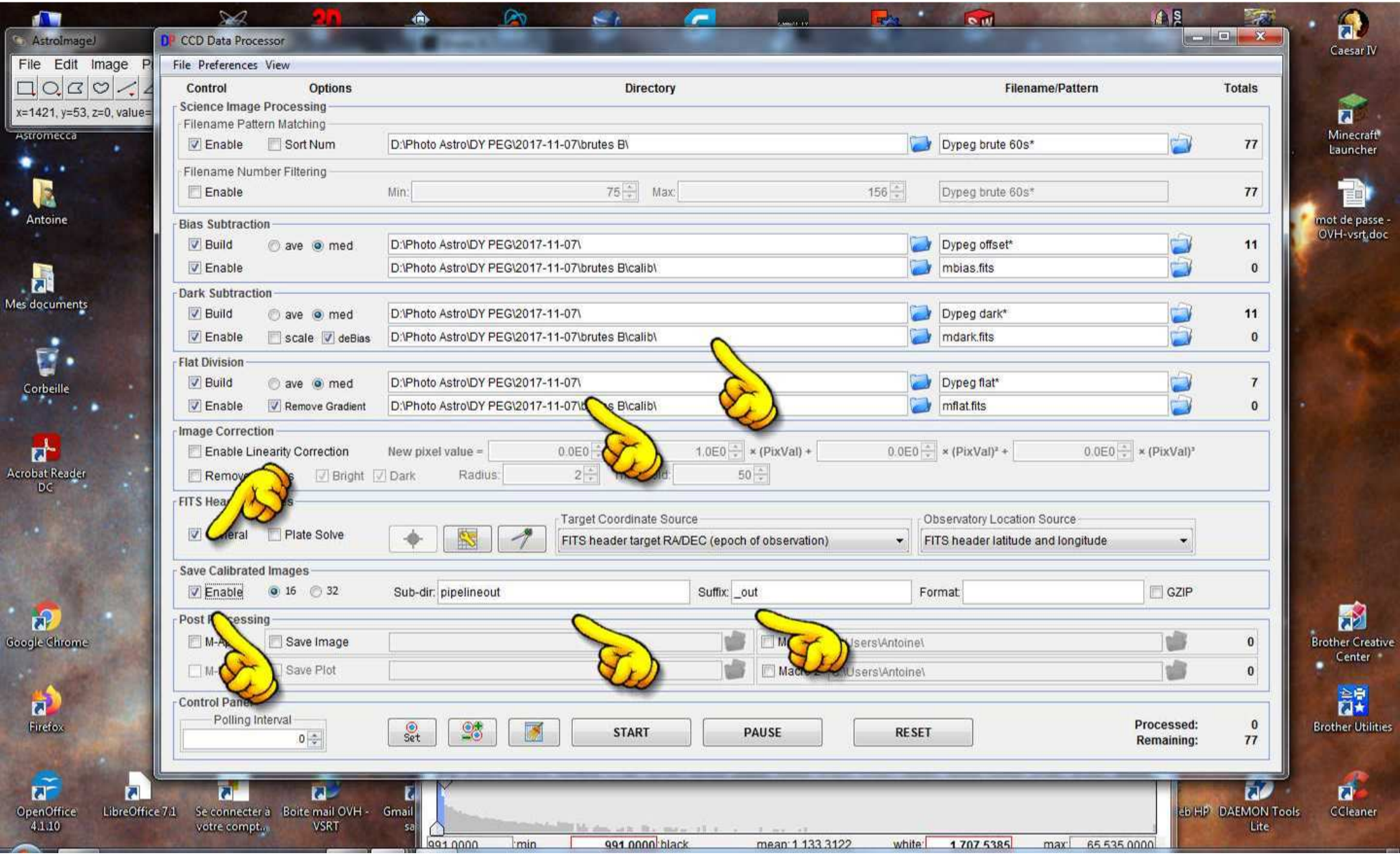
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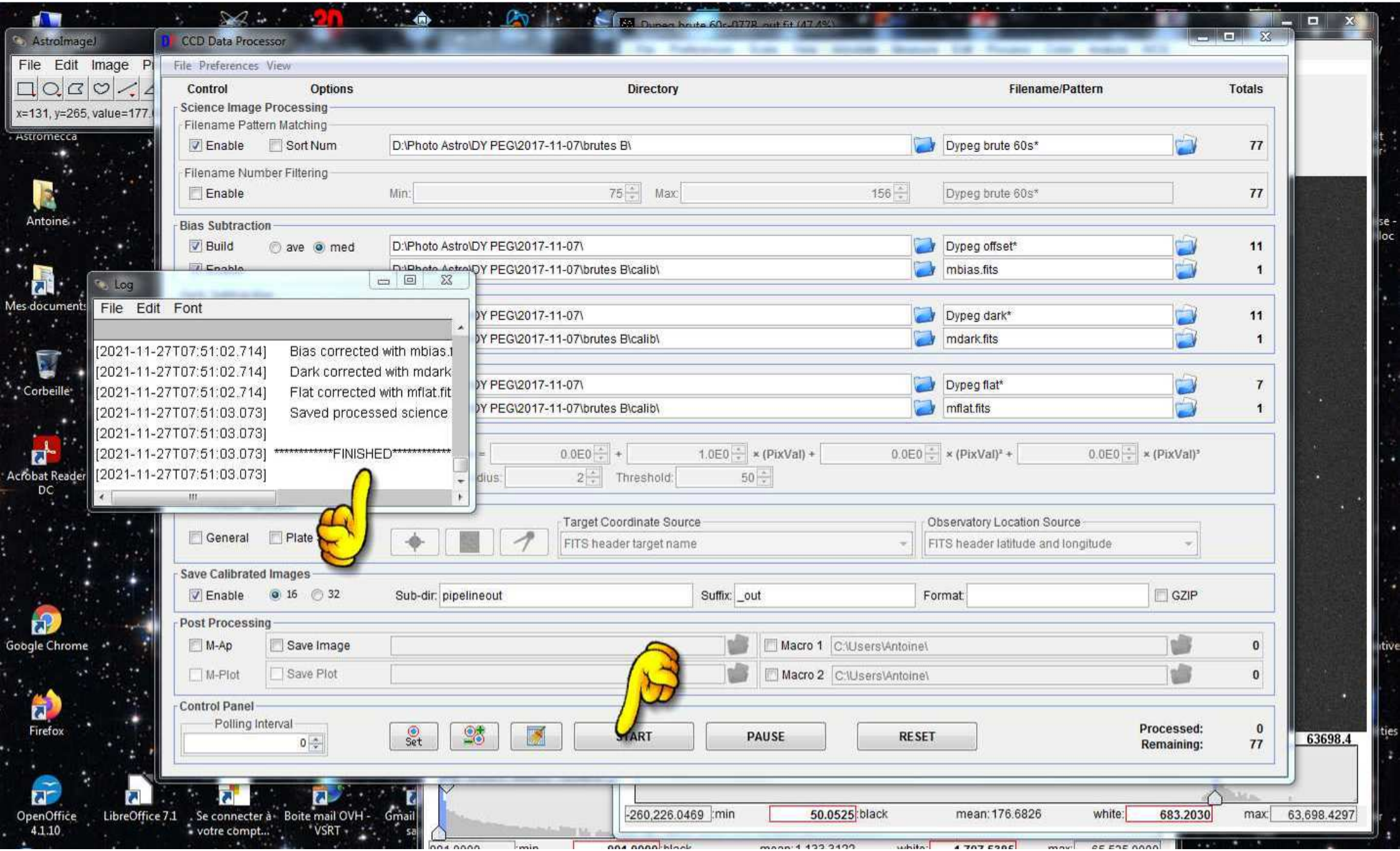
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[2021-11-27T07:51:02.714] Dark corrected with mdark
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[2021-11-27T07:51:03.073] Saved processed science
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Se connecter à votre compt...
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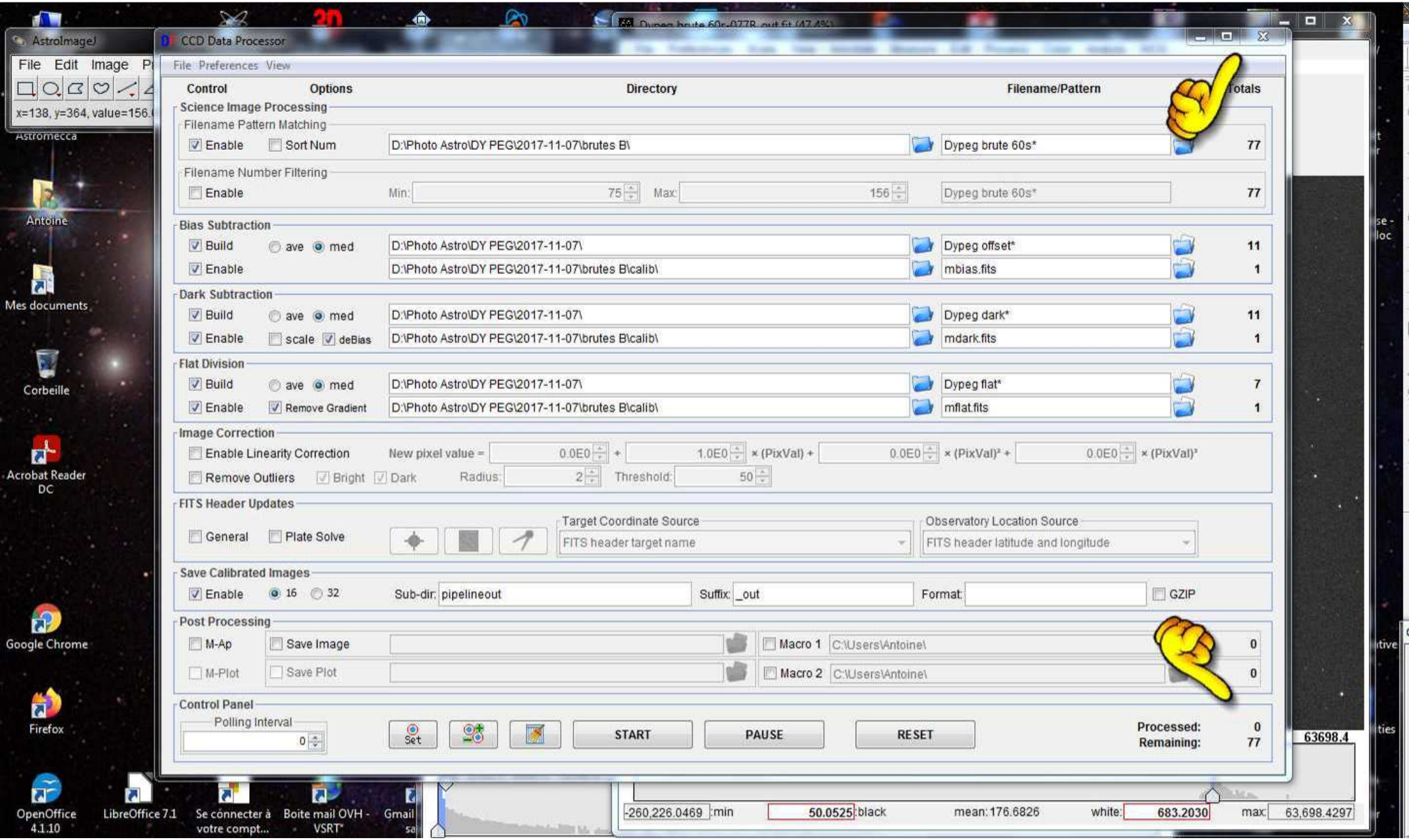
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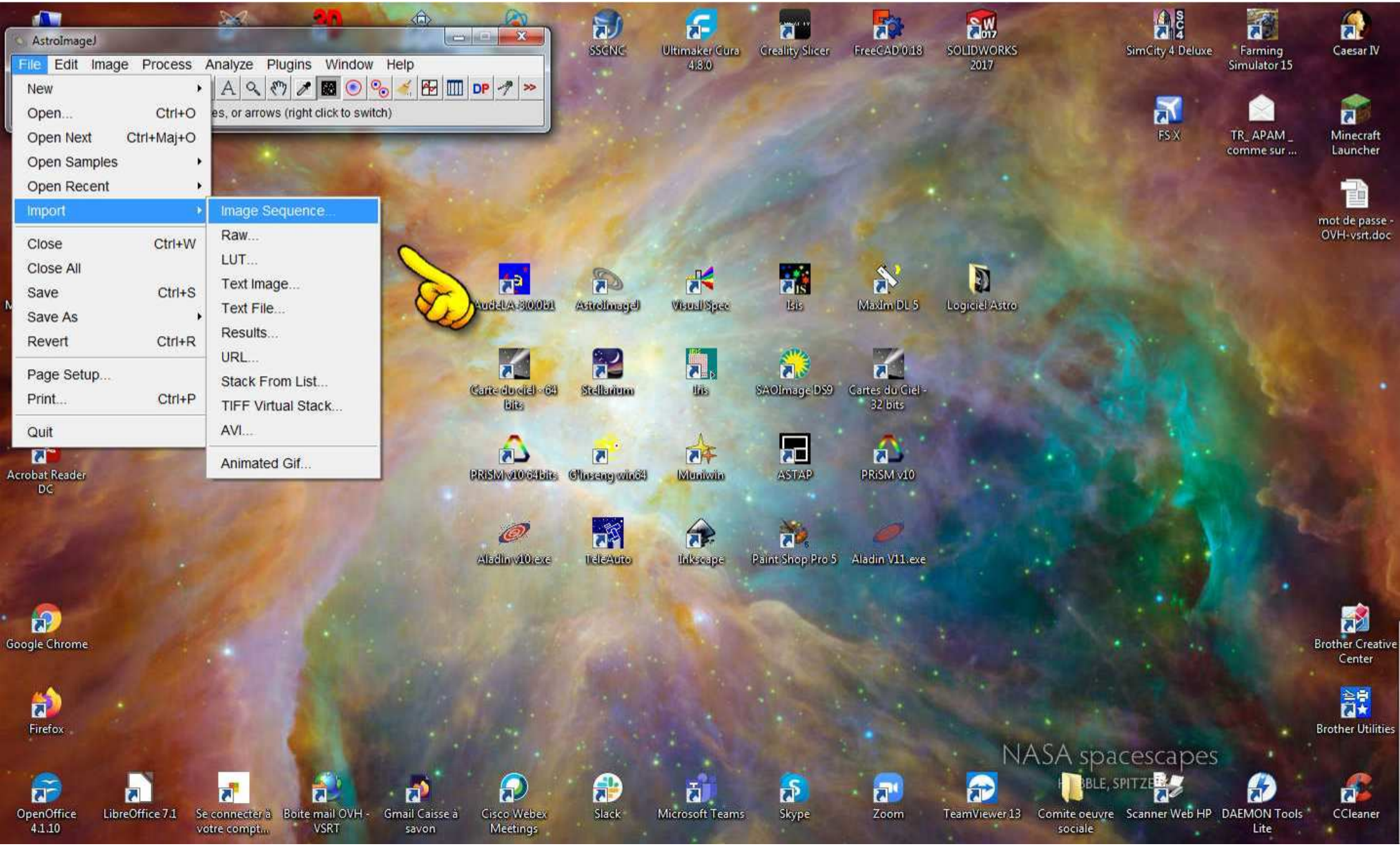
AstroImageJ
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DAEMON Tools Lite
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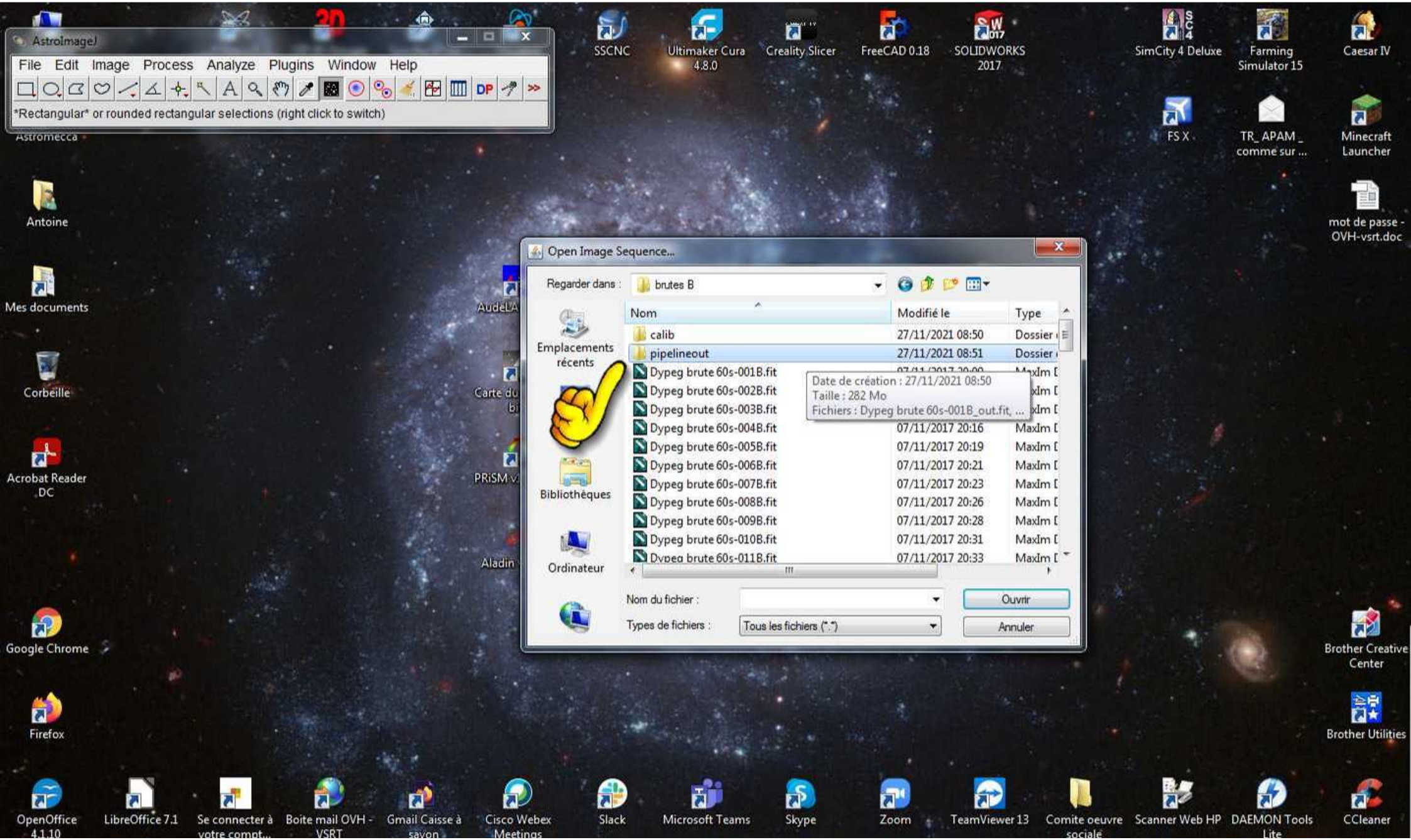
AstroImageJ
File Edit Image Process Analyze Plugins Window Help
Rectangular or rounded rectangular selections (right click to switch)
Open Image Sequence...
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pipelineout 27/11/2021 08:51 Dossier
Dypeg brute 60s-001B.fit
Dypeg brute 60s-002B.fit
Dypeg brute 60s-003B.fit
Dypeg brute 60s-004B.fit 07/11/2017 20:16
Dypeg brute 60s-005B.fit 07/11/2017 20:19
Dypeg brute 60s-006B.fit 07/11/2017 20:21
Dypeg brute 60s-007B.fit 07/11/2017 20:23
Dypeg brute 60s-008B.fit 07/11/2017 20:26
Dypeg brute 60s-009B.fit 07/11/2017 20:28
Dypeg brute 60s-010B.fit 07/11/2017 20:31
Dypeg brute 60s-011B.fit 07/11/2017 20:33
Date de création : 27/11/2021 08:50
Taille : 282 Mo
Fichiers : Dypeg brute 60s-001B_out.fit, ...
Emplacements récents
Bibliothèques
Ordinateur
Nom du fichier :
Types de fichiers : Tous les fichiers (*.*)
Ouvrir
Annuler
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
SOLIDWORKS 2017
SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
FS X
TR_ APAM _ comme sur ...
Minecraft Launcher
Antoine
mot de passe - OVH-vsrt.doc
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Acrobat Reader DC
Google Chrome
Firefox
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OpenOffice 4.1.10
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Cisco Webex Meetings
Slack
Microsoft Teams
Skype
Zoom
TeamViewer 13
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Scanner Web HP
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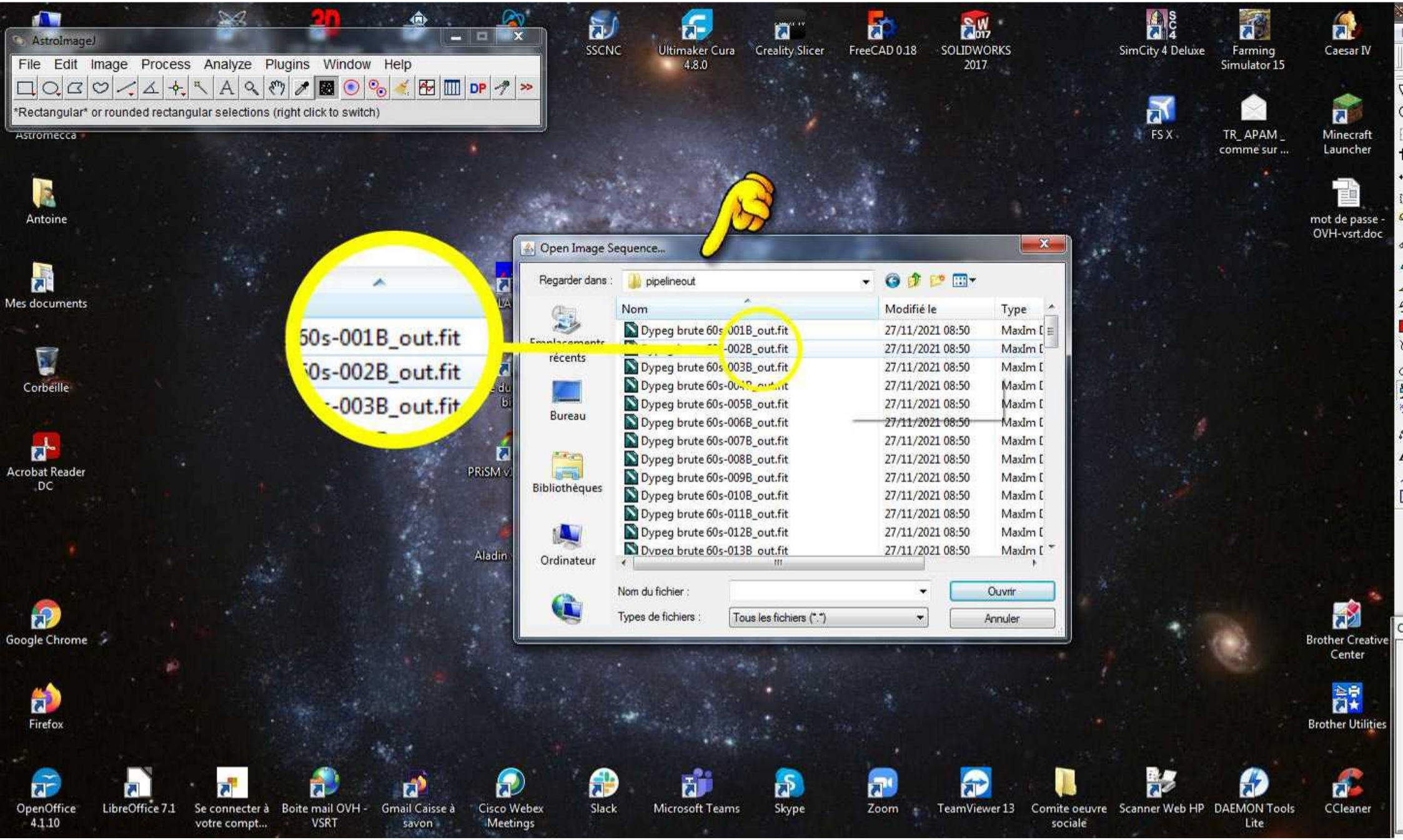
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Bibliothèques
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60s-001B_out.fit
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SSCNC
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Creality Slicer
FreeCAD 0.18
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SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
FS X
TR_ APAM _ comme sur ...
Minecraft Launcher
Antoine
mot de passe - OVH-vsrt.doc
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Aladin
Google Chrome
Firefox
Brother Creative Center
Brother Utilities
OpenOffice 4.1.10
LibreOffice 7.1
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Skype
Zoom
TeamViewer 13
Comite oeuvre sociale
Scanner Web HP
DAEMON Tools Lite
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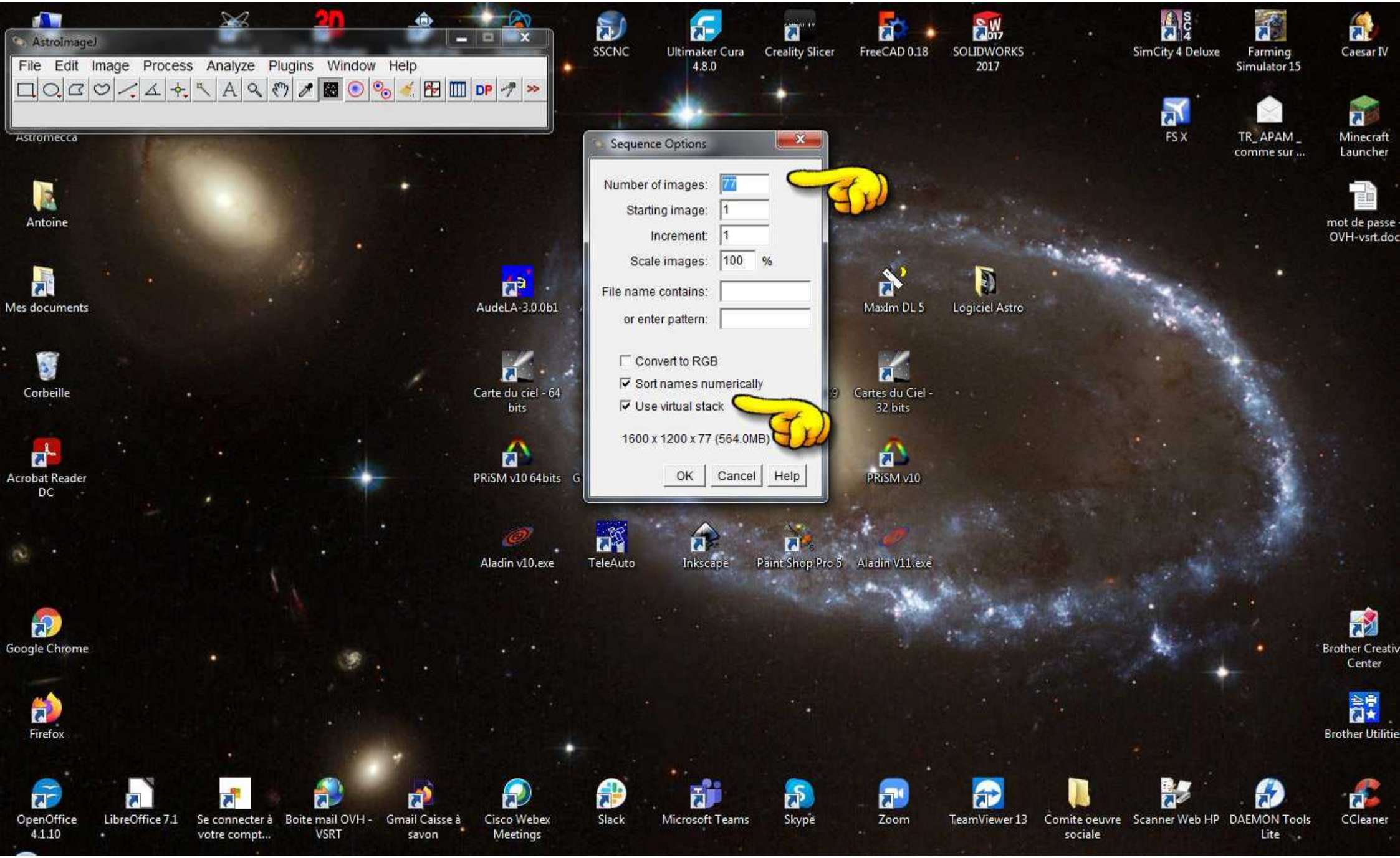
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Sequence Options
Number of images: 77
Starting image: 1
Increment: 1
Scale images: 100 %
File name contains:
or enter pattern:
Convert to RGB
Sort names numerically
Use virtual stack
1600 x 1200 x 77 (564.0MB)
OK Cancel Help
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
SOLIDWORKS 2017
SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
FS X
TR_APAM_ comme sur ...
Minecraft Launcher
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mot de passe OVH-vsrt.doc
Mes documents
AudeLA-3.0.0b1
MaxIm DL 5
Logiciel Astro
Corbeille
Carte du ciel - 64 bits
Cartes du Ciel - 32 bits
Acrobat Reader DC
PRiSM v10 64bits
PRiSM v10
Aladin v10.exe
TeleAuto
Inkscape
Paint Shop Pro 5
Aladin V11.exe
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Slack
Microsoft Teams
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Zoom
TeamViewer 13
Comite oeuvre sociale
Scanner Web HP
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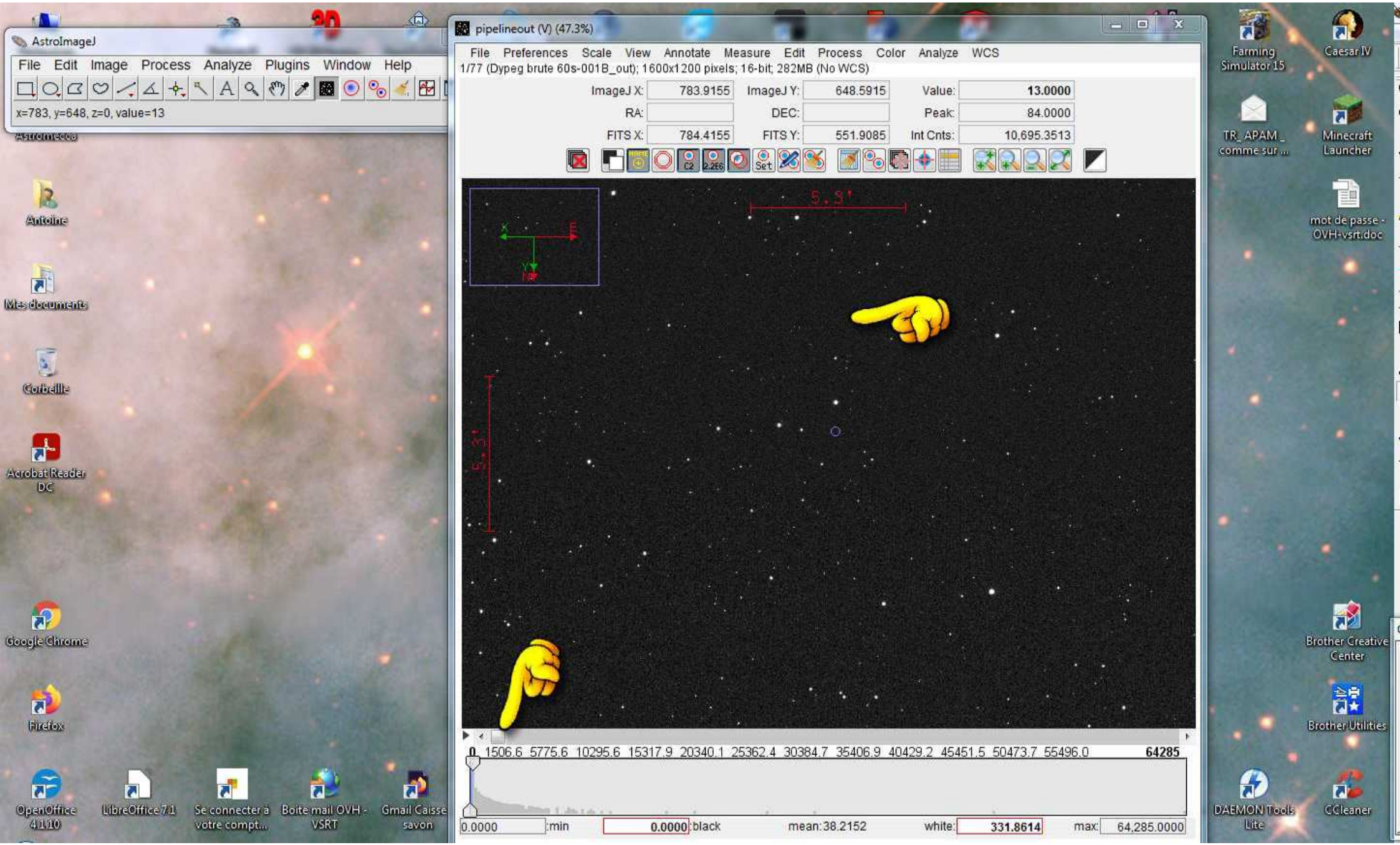
AstroImageJ
File Edit Image Process Analyze Plugins Window Help
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1/77 (Dypeg brute 60s-001B_out); 1600x1200 pixels; 16-bit; 282MB (No WCS)
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ImageJ Y: 648.5915
Value: 13.0000
RA:
DEC:
Peak: 84.0000
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FITS Y: 551.9085
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5.3'
0 1506.6 5775.6 10295.6 15317.9 20340.1 25362.4 30384.7 35406.9 40429.2 45451.5 50473.7 55496.0 64285
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white: 331.8614
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Antoine
Mes documents
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Acrobat Reader DC
Google Chrome
Firefox
OpenOffice 4.1.10
LibreOffice 7.1
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TR_ APAM _ comme sur ...
Minecraft Launcher
mot de passe - OVH+vsrt.doc
Brother Creative Center
Brother Utilities
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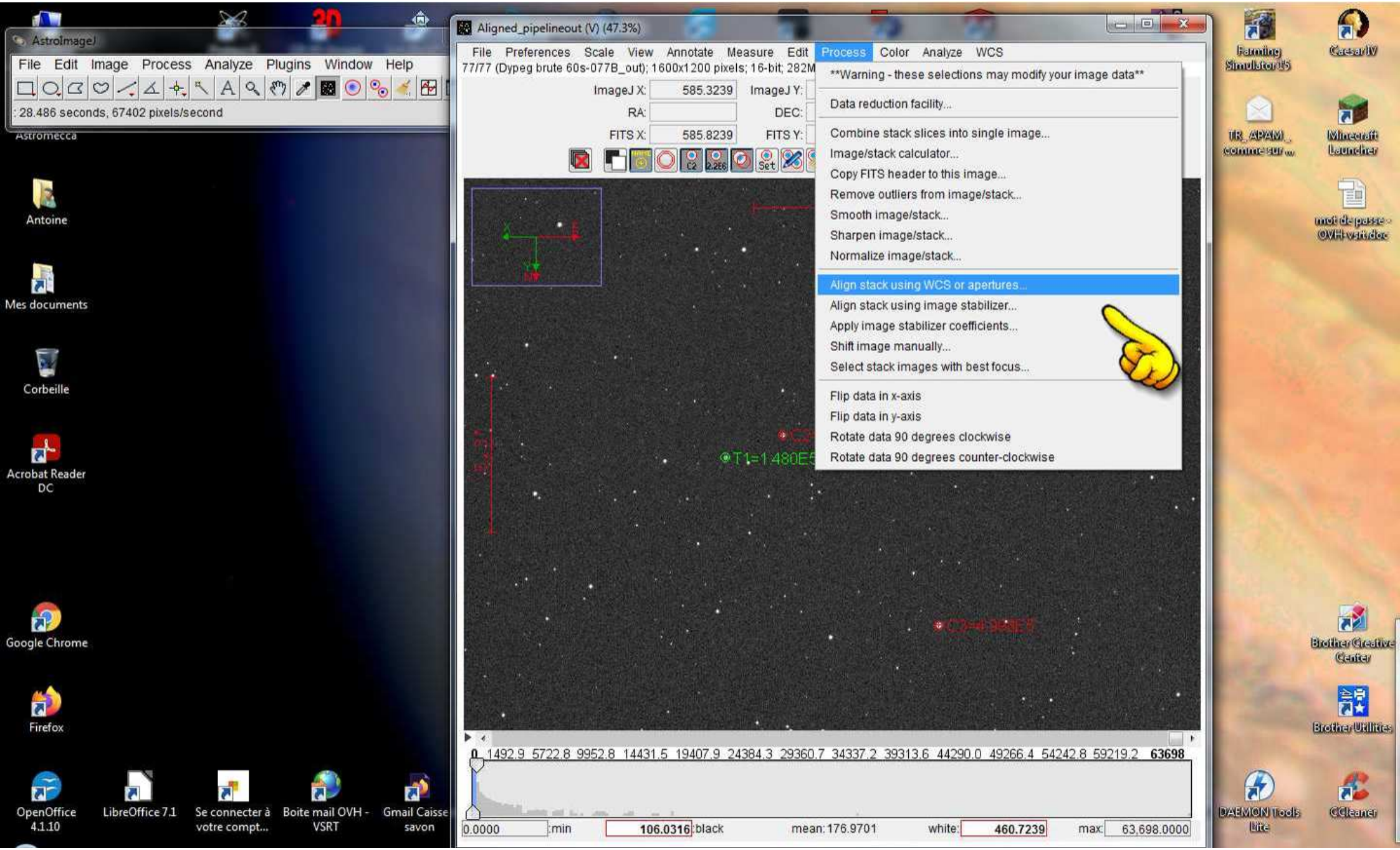
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File Edit Image Process Analyze Plugins Window Help
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77/77 (Dypeg brute 60s-077B_out); 1600x1200 pixels; 16-bit; 282M
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RA: DEC:
FITS X: 585.8239 FITS Y:
Warning - these selections may modify your image data
Data reduction facility...
Combine stack slices into single image...
Image/stack calculator...
Copy FITS header to this image...
Remove outliers from image/stack...
Smooth image/stack...
Sharpen image/stack...
Normalize image/stack...
Align stack using WCS or apertures...
Align stack using image stabilizer...
Apply image stabilizer coefficients...
Shift image manually...
Select stack images with best focus...
Flip data in x-axis
Flip data in y-axis
Rotate data 90 degrees clockwise
Rotate data 90 degrees counter-clockwise
0 1492.9 5722.8 9952.8 14431.5 19407.9 24384.3 29360.7 34337.2 39313.6 44290.0 49266.4 54242.8 59219.2 63698
0.0000 :min 106.0316 :black mean: 176.9701 white: 460.7239 max: 63,698.0000
Antoine
Mes documents
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Acrobat Reader DC
Google Chrome
Firefox
OpenOffice 4.1.10
LibreOffice 7.1
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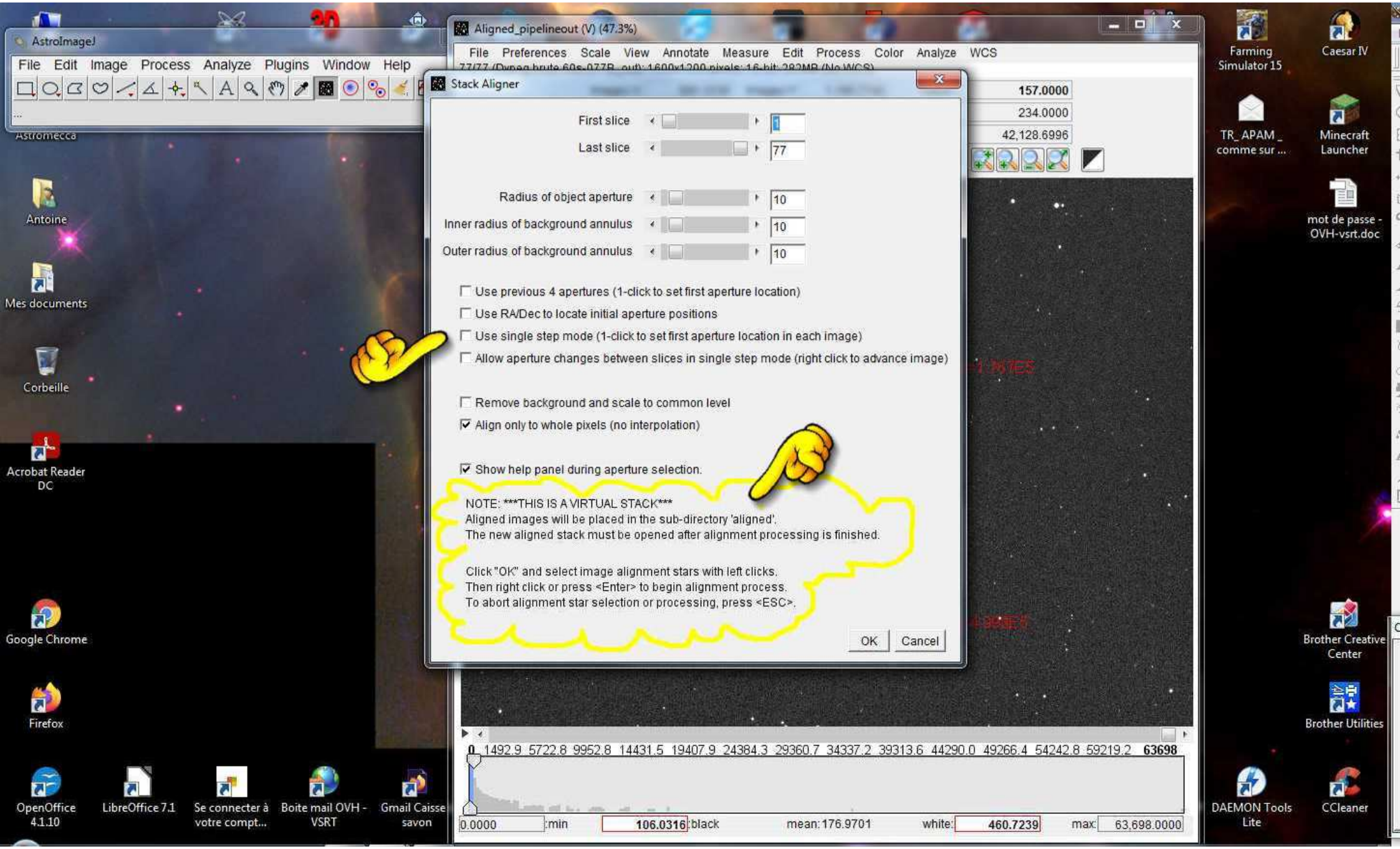
AstroImageJ
File Edit Image Process Analyze Plugins Window Help
Aligned_pipelineout (V) (47.3%)
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
Stack Aligner
First slice 1
Last slice 77
Radius of object aperture 10
Inner radius of background annulus 10
Outer radius of background annulus 10
Use previous 4 apertures (1-click to set first aperture location)
Use RA/Dec to locate initial aperture positions
Use single step mode (1-click to set first aperture location in each image)
Allow aperture changes between slices in single step mode (right click to advance image)
Remove background and scale to common level
Align only to whole pixels (no interpolation)
Show help panel during aperture selection.
NOTE: ***THIS IS A VIRTUAL STACK***
Aligned images will be placed in the sub-directory 'aligned'.
The new aligned stack must be opened after alignment processing is finished.
Click "OK" and select image alignment stars with left clicks.
Then right click or press <Enter> to begin alignment process.
To abort alignment star selection or processing, press <ESC>.
OK
Cancel
157.0000
234.0000
42,128.6996
0 1492.9 5722.8 9952.8 14431.5 19407.9 24384.3 29360.7 34337.2 39313.6 44290.0 49266.4 54242.8 59219.2 63698
0.0000 :min 106.0316 :black mean: 176.9701 white: 460.7239 max: 63,698.0000
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Mes documents
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Acrobat Reader DC
Google Chrome
Firefox
OpenOffice 4.1.10
LibreOffice 7.1
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TR_APAM _ comme sur ...
Minecraft Launcher
mot de passe - OVH-vsrt.doc
Brother Creative Center
Brother Utilities
DAEMON Tools Lite
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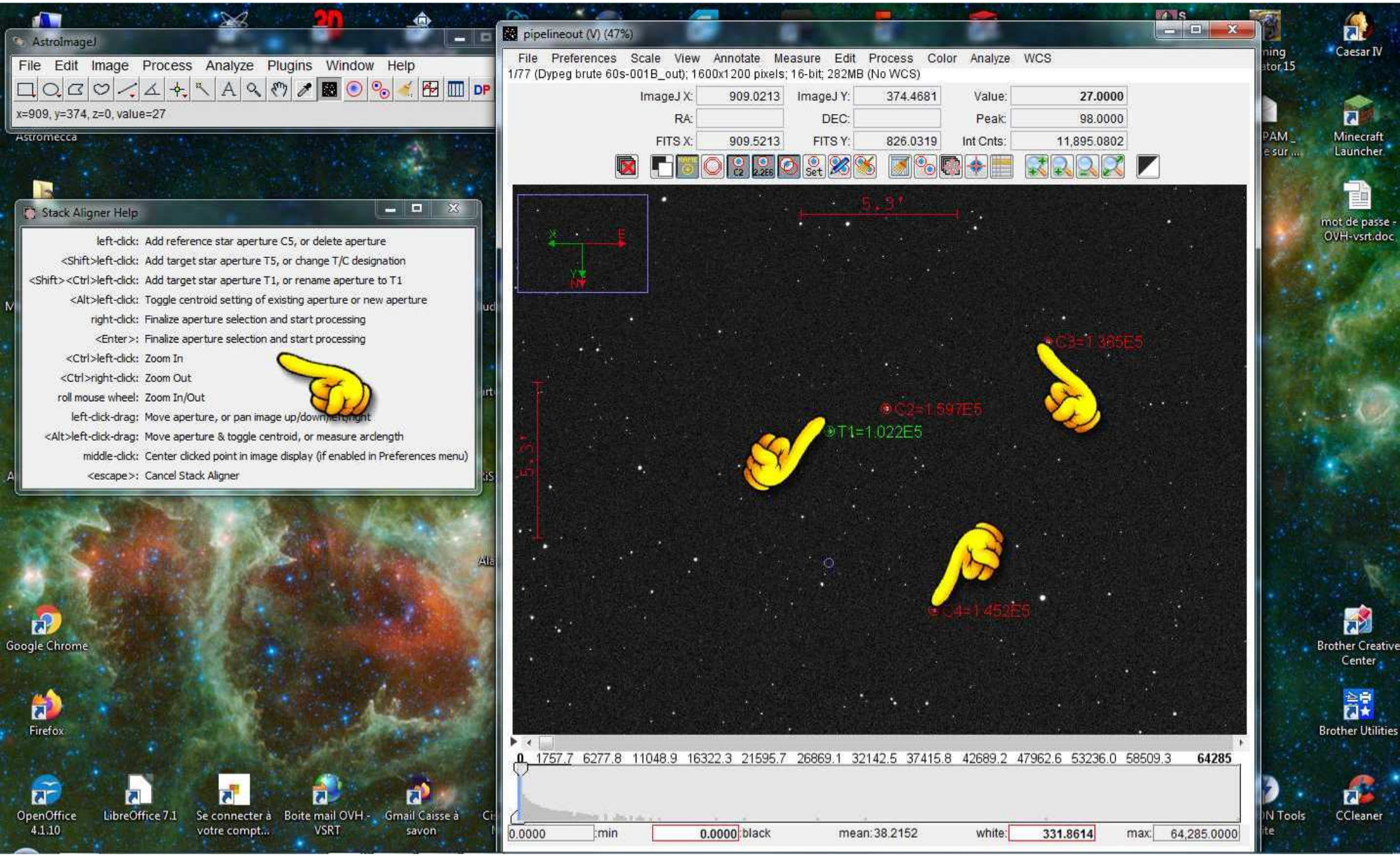
AstroImageJ
File Edit Image Process Analyze Plugins Window Help
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Stack Aligner Help
left-click: Add reference star aperture C5, or delete aperture
<Shift>left-click: Add target star aperture T5, or change T/C designation
<Shift><Ctrl>left-click: Add target star aperture T1, or rename aperture to T1
<Alt>left-click: Toggle centroid setting of existing aperture or new aperture
right-click: Finalize aperture selection and start processing
<Enter>: Finalize aperture selection and start processing
<Ctrl>left-click: Zoom In
<Ctrl>right-click: Zoom Out
roll mouse wheel: Zoom In/Out
left-click-drag: Move aperture, or pan image up/down/left/right
<Alt>left-click-drag: Move aperture & toggle centroid, or measure arclength
middle-click: Center clicked point in image display (if enabled in Preferences menu)
<escape>: Cancel Stack Aligner
pipelineout (V) (47%)
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
1/77 (Dypeg brute 60s-001B_out); 1600x1200 pixels; 16-bit; 282MB (No WCS)
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RA: DEC: Peak: 98.0000
FITS X: 909.5213 FITS Y: 826.0319 Int Cnts: 11,895.0802
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0.0000 :min 0.0000 :black mean: 38.2152 white: 331.8614 max: 64,285.0000
Google Chrome
Firefox
OpenOffice 4.1.10
LibreOffice 7.1
Se connecter à votre compt...
Boite mail OVH - VSRT
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Minecraft Launcher
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Brother Creative Center
Brother Utilities
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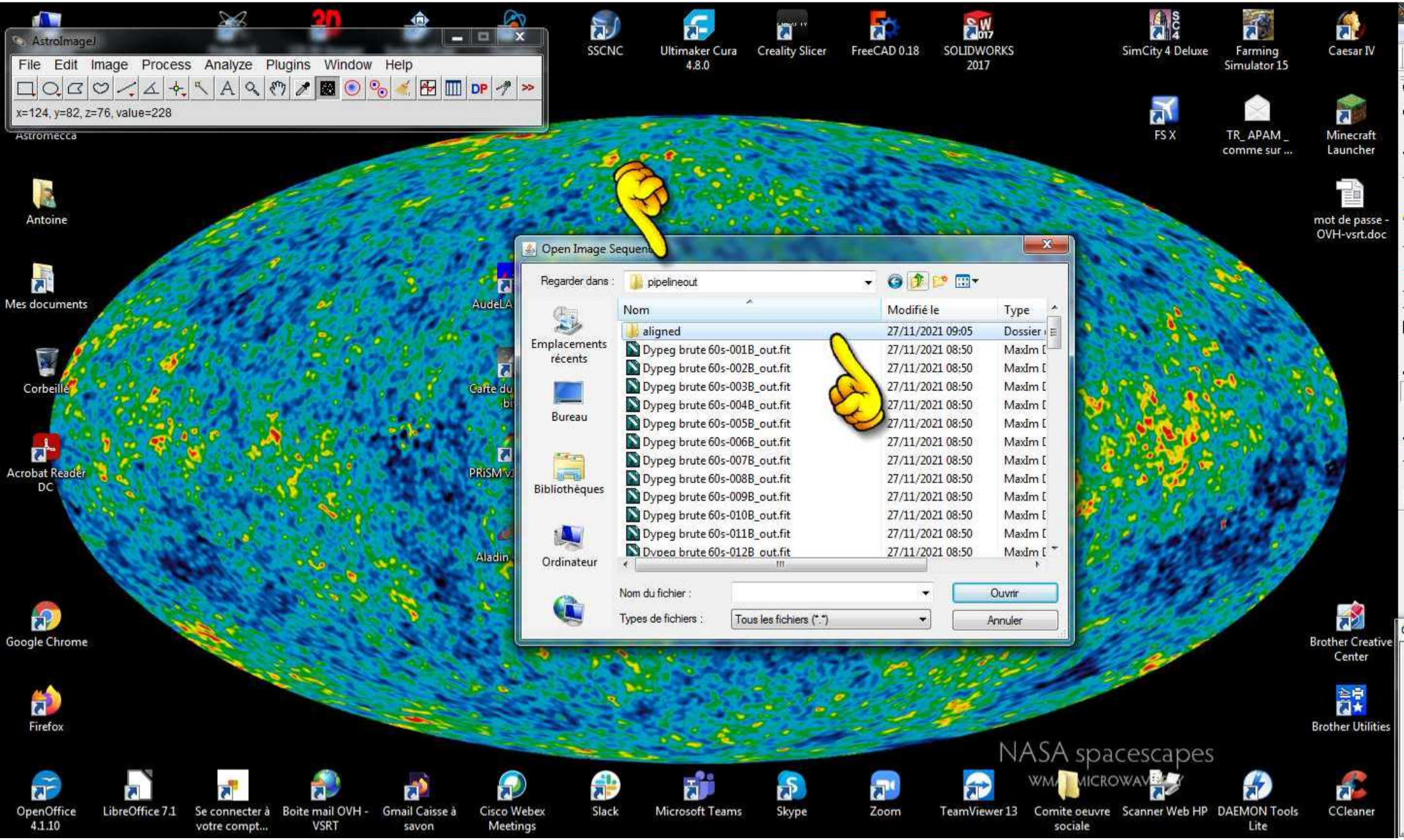
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Dypeg brute 60s-002B_out.fit 27/11/2021 08:50 MaxIm D
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Emplacements récents
Bureau
Bibliothèques
Ordinateur
Nom du fichier :
Types de fichiers : Tous les fichiers (*.*)
Ouvrir
Annuler
NASA spacescapes
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
SOLIDWORKS 2017
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Farming Simulator 15
Caesar IV
FS X
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Minecraft Launcher
Antoine
mot de passe - OVH-vsrt.doc
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Corbeille
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Firefox
Brother Creative Center
Brother Utilities
OpenOffice 4.1.10
LibreOffice 7.1
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Slack
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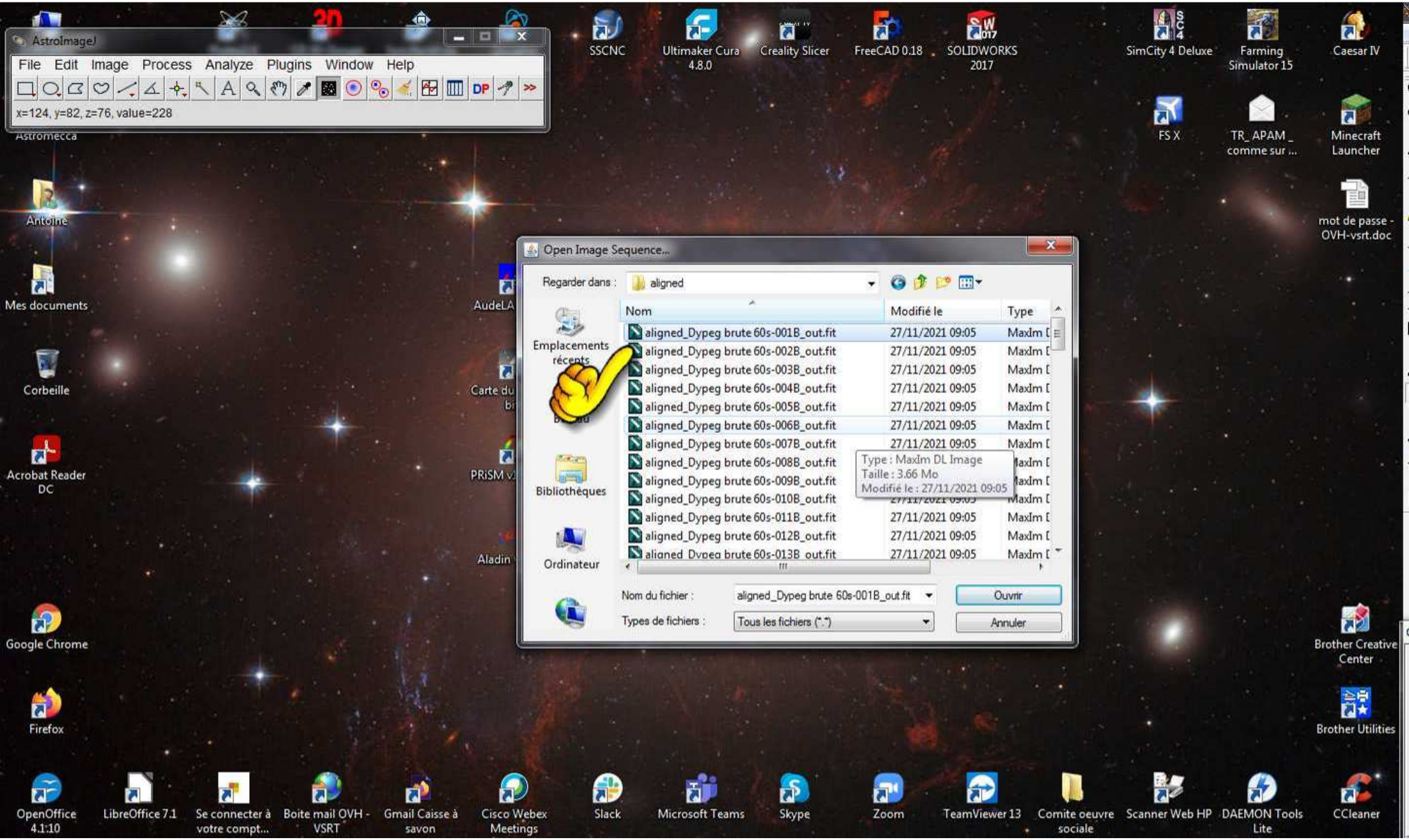
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Taille : 3.66 Mo
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Emplacements récents
Bibliothèques
Ordinateur
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Types de fichiers : Tous les fichiers (*.*)
Ouvrir
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Creality Slicer
FreeCAD 0.18
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SimCity 4 Deluxe
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LibreOffice 7.1
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Scanner Web HP
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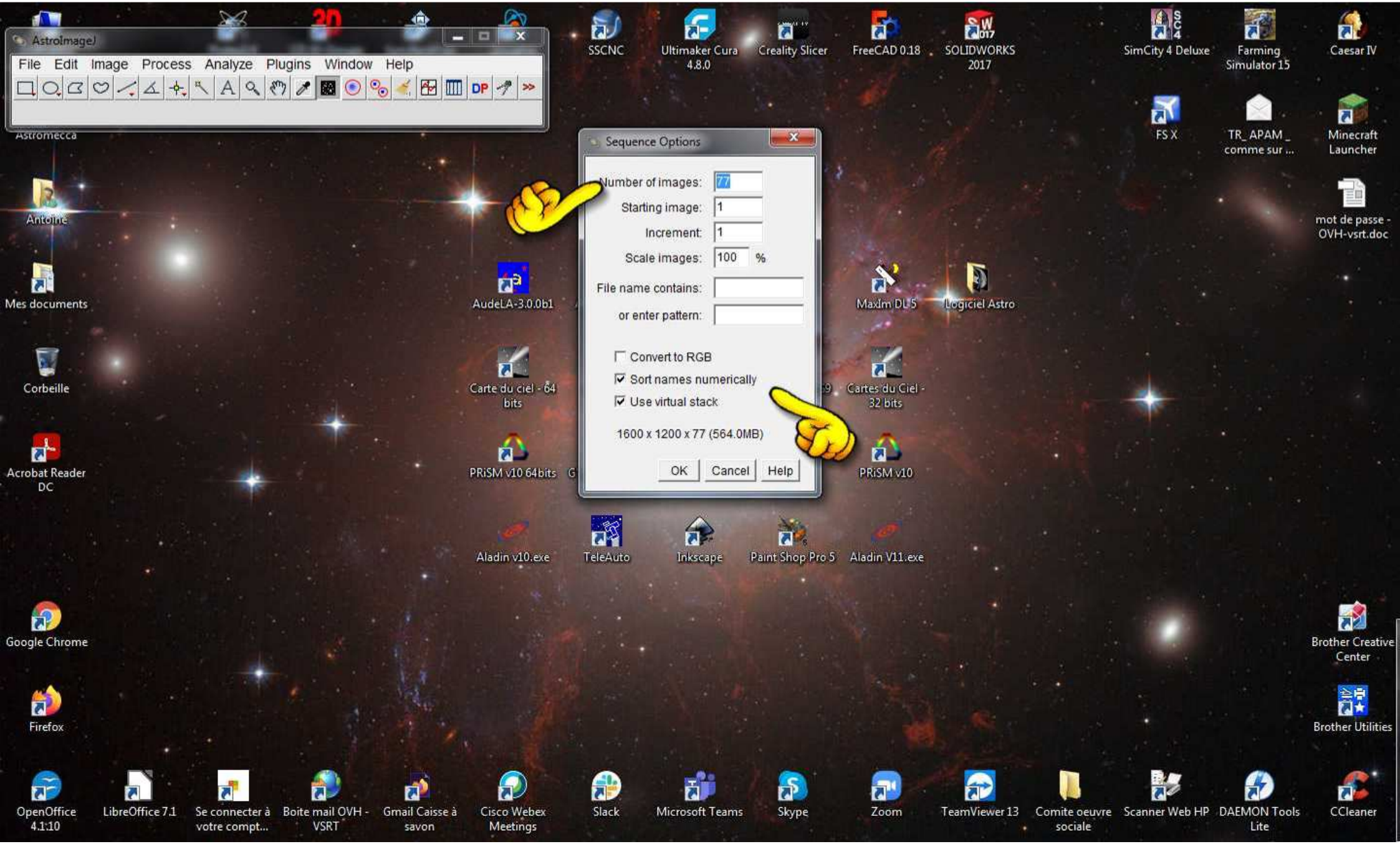
ImageJ
File Edit Image Process Analyze Plugins Window Help
Sequence Options
Number of images: 77
Starting image: 1
Increment: 1
Scale images: 100 %
File name contains:
or enter pattern:
Convert to RGB
Sort names numerically
Use virtual stack
1600 x 1200 x 77 (564.0MB)
OK Cancel Help
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
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Logiciel Astro
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Carte du ciel - 64 bits
Cartes du Ciel - 32 bits
Acrobat Reader DC
PRiSM v10 64bits
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Aladin v10.exe
TeleAuto
Inkscape
Paint Shop Pro 5
Aladin V11.exe
Google Chrome
Brother Creative Center
Firefox
Brother Utilities
OpenOffice 4.1.10
LibreOffice 7.1
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Cisco Webex Meetings
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Comite oeuvre sociale
Scanner Web HP
DAEMON Tools Lite
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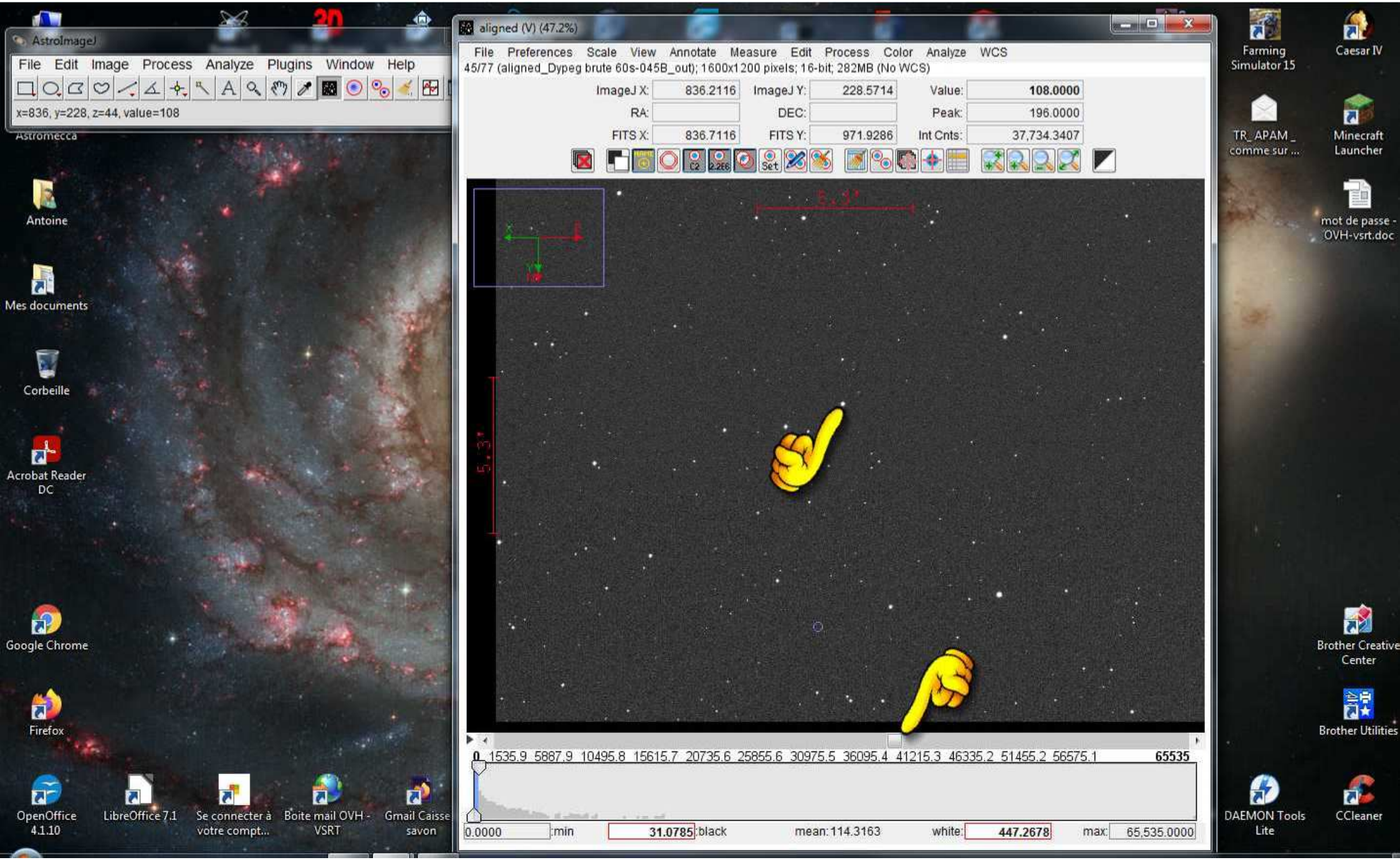
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DEC:
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31.0785 :black
mean: 114.3163
white: 447.2678
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Google Chrome
Firefox
OpenOffice 4.1.10
LibreOffice 7.1
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Caesar IV
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Minecraft Launcher
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Brother Creative Center
Brother Utilities
DAEMON Tools Lite
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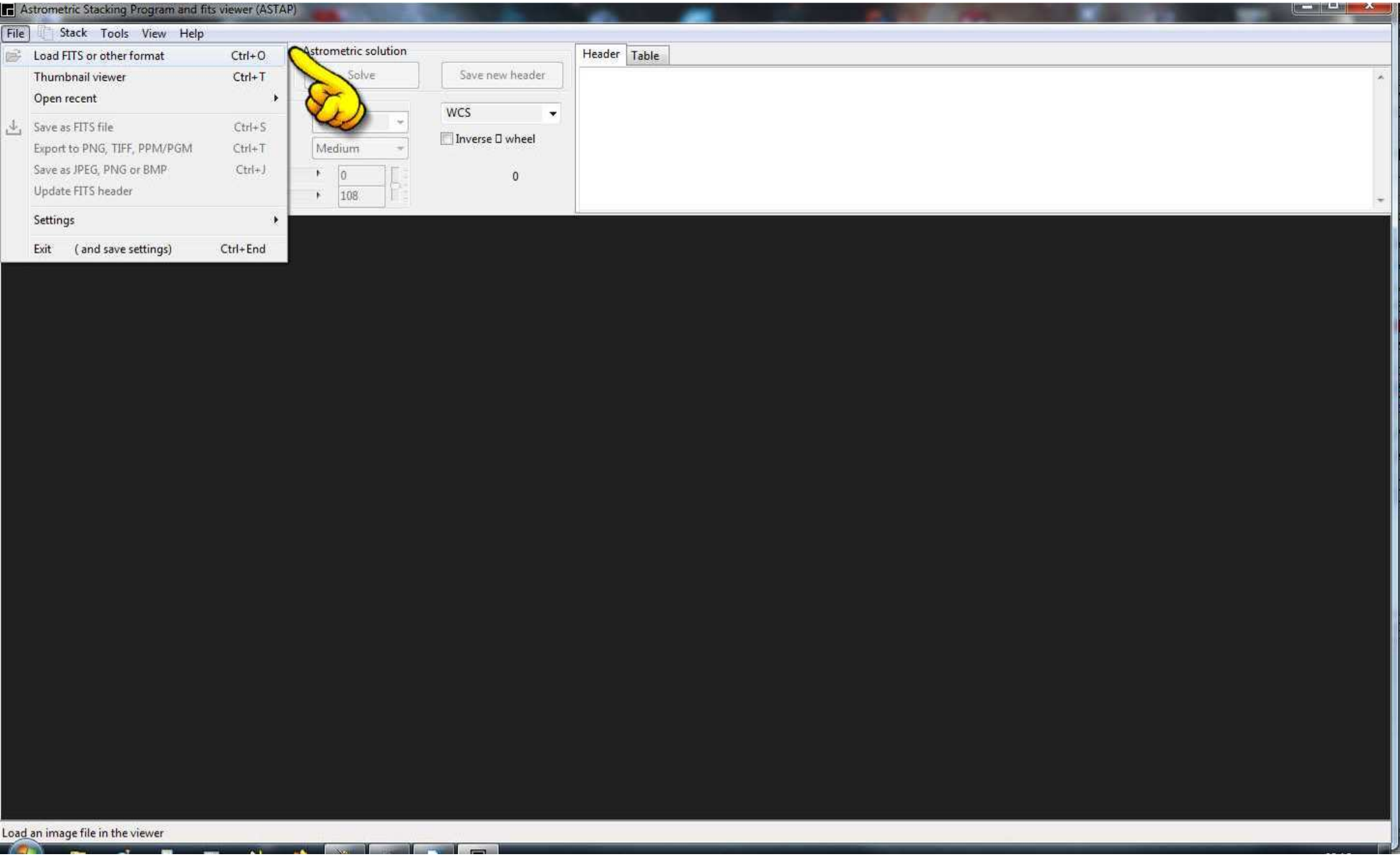
Astrometric Stacking Program and fits viewer (ASTAP)
File
Stack
Tools
View
Help
Load FITS or other format Ctrl+O
Thumbnail viewer Ctrl+T
Open recent
Save as FITS file Ctrl+S
Export to PNG, TIFF, PPM/PGM Ctrl+T
Save as JPEG, PNG or BMP Ctrl+J
Update FITS header
Settings
Exit (and save settings) Ctrl+End
Astrometric solution
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Save new header
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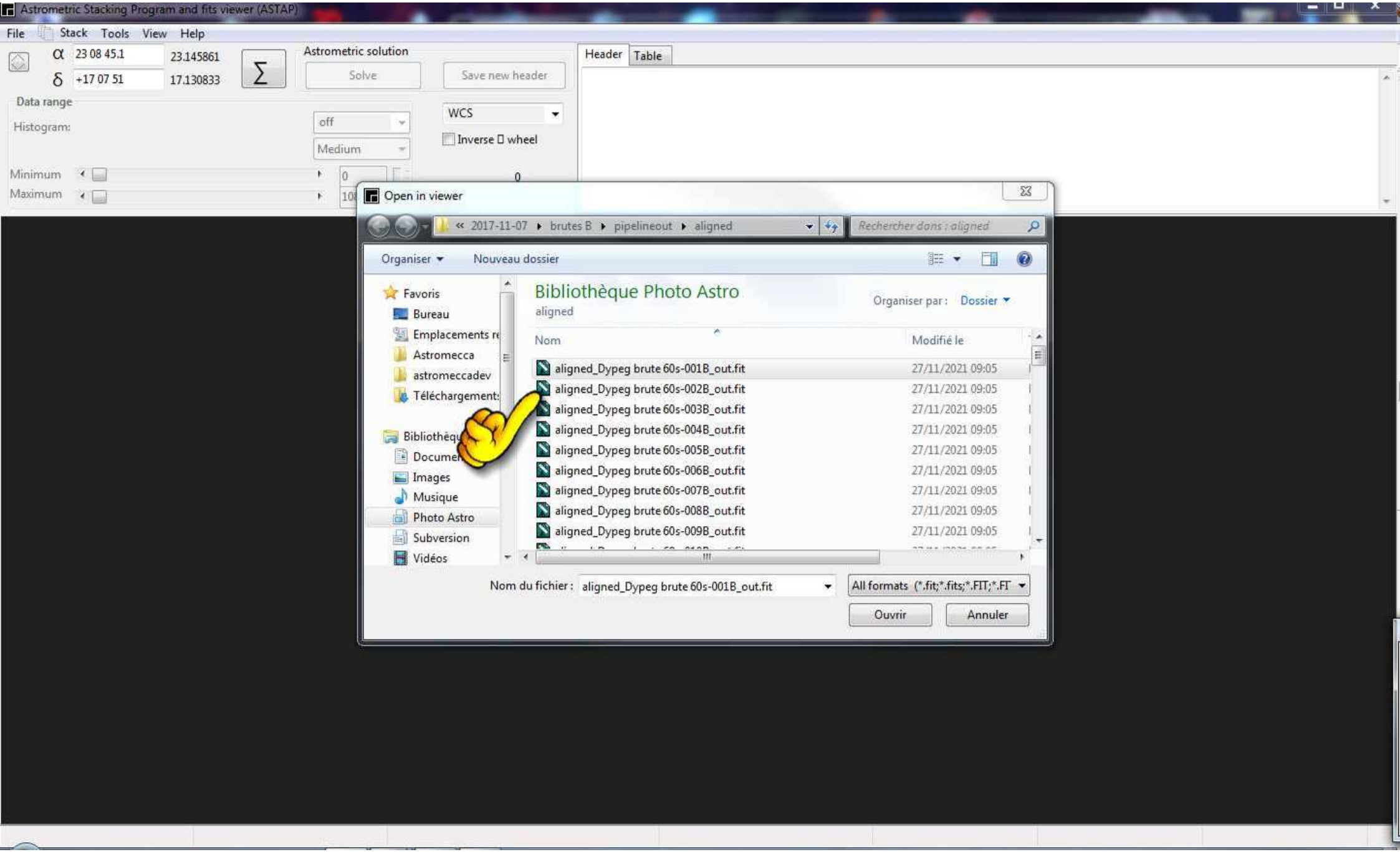
Table
Load an image file in the viewer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Stack
Tools
View
Help
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Astrometric solution
Solve
Save new header
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Histogram:
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Inverse wheel
Minimum
Maximum
Open in viewer
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Rechercher dans : aligned
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Favoris
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Emplacements r
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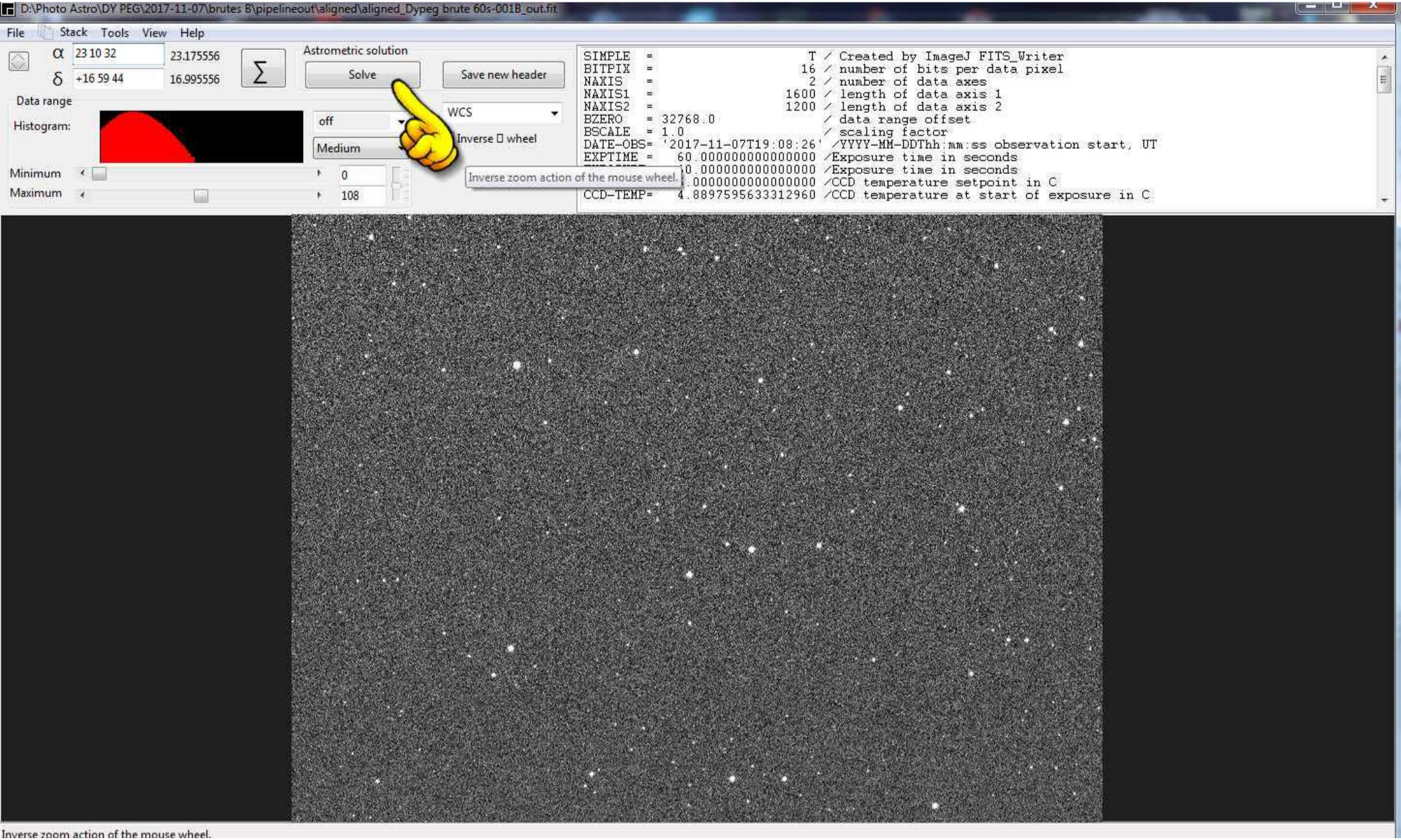
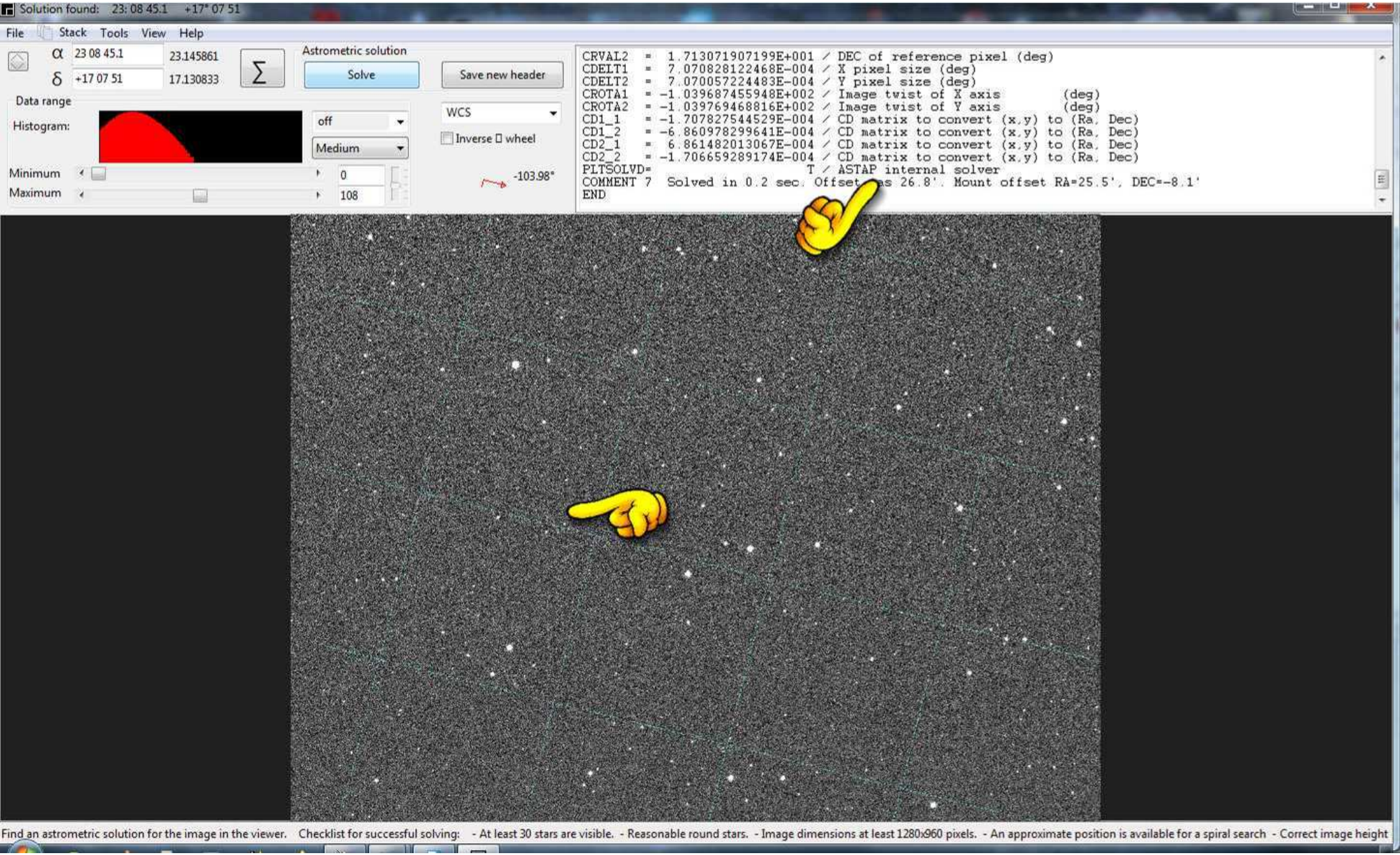
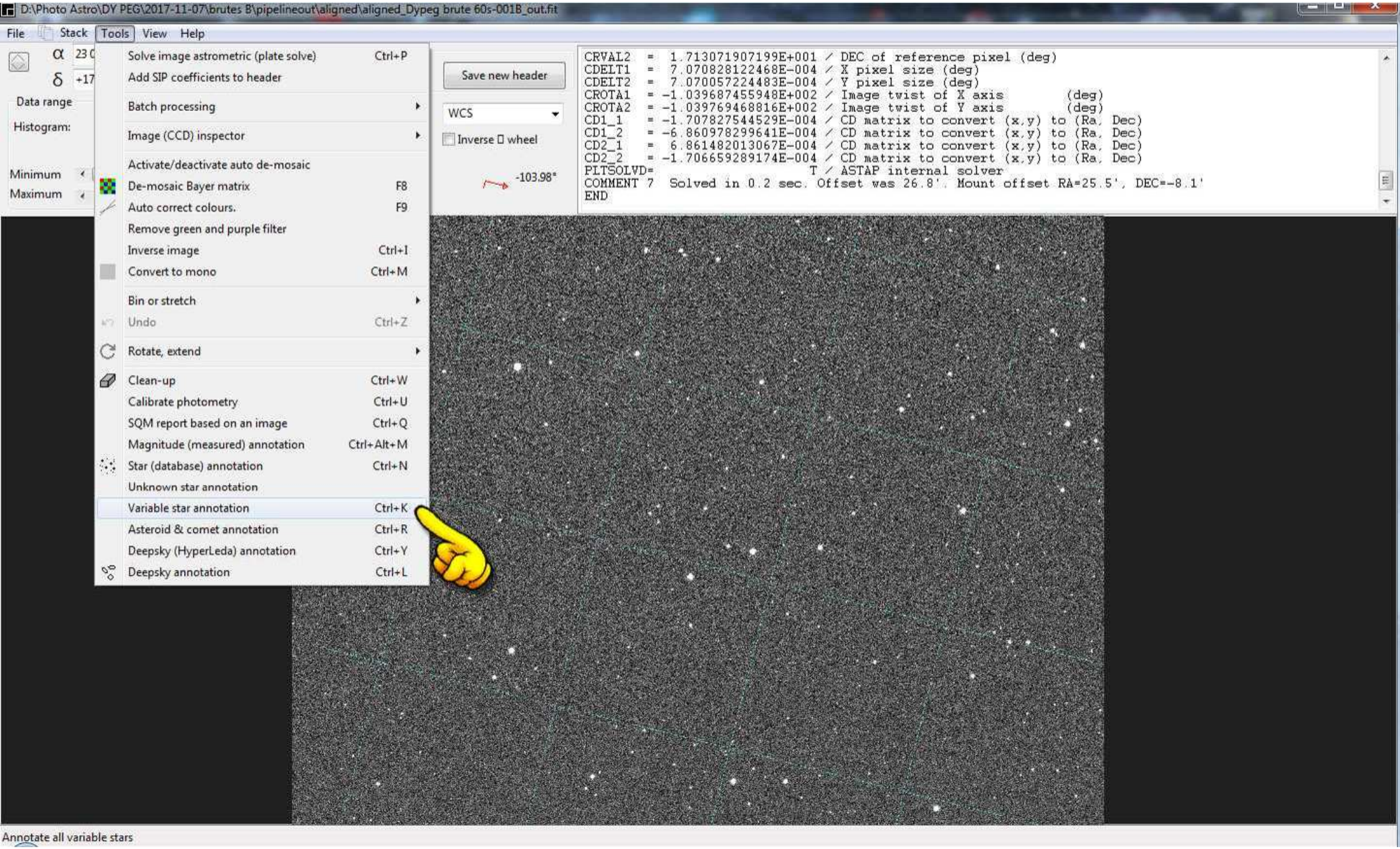
Vidéos
Bibliothèque Photo Astro
aligned
Organiser par : Dossier
Nom
Modifié le
aligned_Dypeg brute 60s-001B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-002B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-003B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-004B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-005B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-006B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-007B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-008B_out.fit 27/11/2021 09:05
aligned_Dypeg brute 60s-009B_out.fit 27/11/2021 09:05
Nom du fichier : aligned_Dypeg brute 60s-001B_out.fit
All formats (*.fit;*.fits;*.FIT;*.FT
Ouvrir
Annuler


D:\Photo Astro\DY PEG\2017-11-07\brutes B\pipelineout\aligned\aligned_Dypeg brute 60s-001B_out.fit
File
Stack
Tools
View
Help
α 23 10 32
23.175556
δ +16 59 44
16.995556
Astrometric solution
Solve
Save new header
Data range
Histogram:
off
Medium
WCS
Inverse wheel
Minimum
0
Maximum
108
Inverse zoom action of the mouse wheel.
SIMPLE = T / Created by ImageJ FITS_Writer
BITPIX = 16 / number of bits per data pixel
NAXIS = 2 / number of data axes
NAXIS1 = 1600 / length of data axis 1
NAXIS2 = 1200 / length of data axis 2
BZERO = 32768.0 / data range offset
BSCALE = 1.0 / scaling factor
DATE-OBS= '2017-11-07T19:08:26' /YYYY-MM-DDThh:mm:ss observation start, UT
EXPTIME = 60.000000000000000 /Exposure time in seconds
0.000000000000000 /Exposure time in seconds
.0000000000000000 /CCD temperature setpoint in C
CCD-TEMP= 4.8897595633312960 /CCD temperature at start of exposure in C
Inverse zoom action of the mouse wheel.


Solution found: 23: 08 45.1 +17° 07 51
File Stack Tools View Help
α 23 08 45.1 23.145861
δ +17 07 51 17.130833
Astrometric solution
Solve
Save new header
Data range
Histogram:
off
Medium
WCS
Inverse wheel
-103.98°
Minimum 0
Maximum 108
CRVAL2 = 1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1 = 7.070828122468E-004 / X pixel size (deg)
CDELT2 = 7.070057224483E-004 / Y pixel size (deg)
CROTA1 = -1.039687455948E+002 / Image twist of X axis (deg)
CROTA2 = -1.039769468816E+002 / Image twist of Y axis (deg)
CD1_1 = -1.707827544529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD1_2 = -6.860978299641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_1 = 6.861482013067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_2 = -1.706659289174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
PLTSOLVD= T / ASTAP internal solver
COMMENT 7 Solved in 0.2 sec. Offset was 26.8'. Mount offset RA=25.5', DEC=-8.1'
END
Find an astrometric solution for the image in the viewer. Checklist for successful solving: - At least 30 stars are visible. - Reasonable round stars. - Image dimensions at least 1280x960 pixels. - An approximate position is available for a spiral search - Correct image height


D:\Photo Astro\DY PEG\2017-11-07\brutes B\pipelineout\aligned\aligned_Dypeg brute 60s-001B_out.fit
File
Stack
Tools
View
Help
Solve image astrometric (plate solve) Ctrl+P
Add SIP coefficients to header
Batch processing
Image (CCD) inspector
Activate/deactivate auto de-mosaic
De-mosaic Bayer matrix F8
Auto correct colours. F9
Remove green and purple filter
Inverse image Ctrl+I
Convert to mono Ctrl+M
Bin or stretch
Undo Ctrl+Z
Rotate, extend
Clean-up Ctrl+W
Calibrate photometry Ctrl+U
SQM report based on an image Ctrl+Q
Magnitude (measured) annotation Ctrl+Alt+M
Star (database) annotation Ctrl+N
Unknown star annotation
Variable star annotation Ctrl+K
Asteroid & comet annotation Ctrl+R
Deepsky (HyperLeda) annotation Ctrl+Y
Deepsky annotation Ctrl+L
Save new header
WCS
Inverse wheel
-103.98°
Data range
Histogram:
Minimum
Maximum
CRVAL2 = 1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1 = 7.070828122468E-004 / X pixel size (deg)
CDELT2 = 7.070057224483E-004 / Y pixel size (deg)
CROTA1 = -1.039687455948E+002 / Image twist of X axis (deg)
CROTA2 = -1.039769468816E+002 / Image twist of Y axis (deg)
CD1_1 = -1.707827544529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD1_2 = -6.860978299641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_1 = 6.861482013067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_2 = -1.706659289174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
PLTSOLVD= T / ASTAP internal solver
COMMENT 7 Solved in 0.2 sec. Offset was 26.8'. Mount offset RA=25.5', DEC=-8.1'
END
Annotate all variable stars

Histogram value: 212

File Stack Tools View Help

α 23 08 45.1 23.145861

δ +17 07 51 17.130833

Astrometric solution

Solve | Save new header

Data range

Histogram: 212

off

Medium

WCS

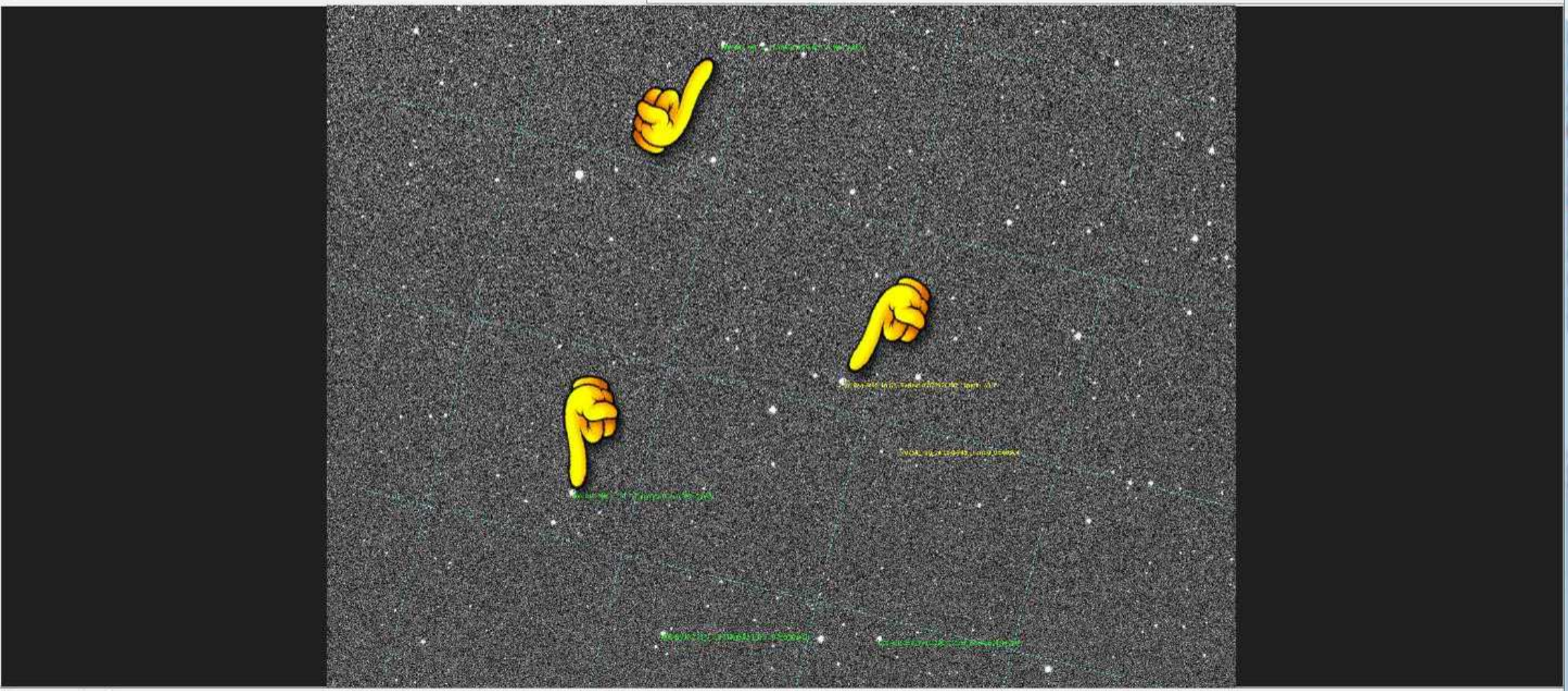
Inverse wheel

-103.98°

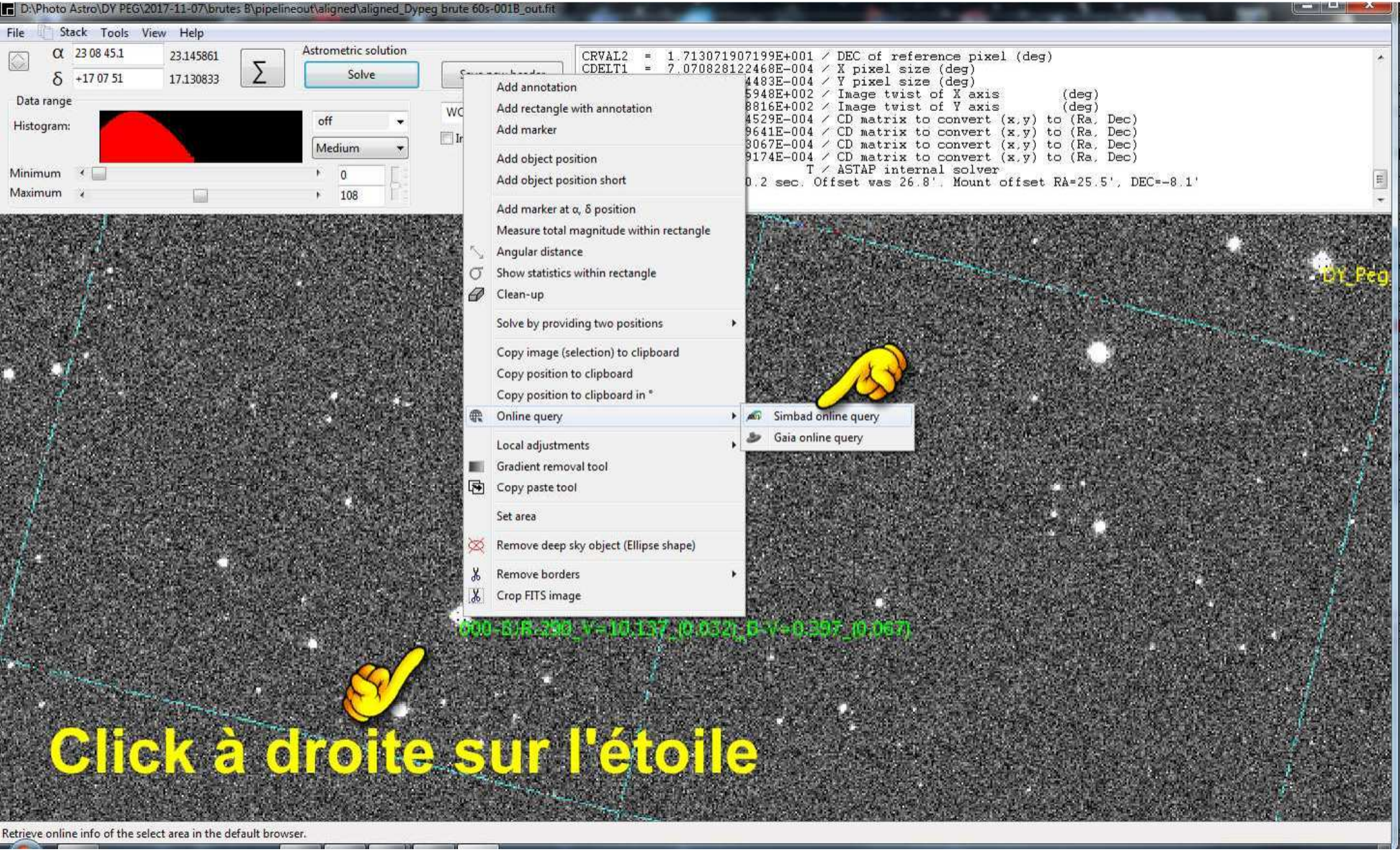
Minimum 0

Maximum 108

```
CRVAL2  =  1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1  =  7.070828122468E-004 / X pixel size (deg)
CDELT2  =  7.070057224483E-004 / Y pixel size (deg)
CROTA1  = -1.039687455948E+002 / Image twist of X axis        (deg)
CROTA2  = -1.039769468816E+002 / Image twist of Y axis        (deg)
CD1_1   = -1.707827544529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD1_2   = -6.860978299641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_1   =  6.861482013067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_2   = -1.706659289174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
PLTSOLVD=                    T / ASTAP internal solver
COMMENT 7  Solved in 0.2 sec. Offset was 26.8'. Mount offset RA=25.5', DEC=-8.1'
END
```



Histogram value: 212


D:\Photo Astro\DY PEG\2017-11-07\brutes B\pipelineout\aligned\aligned_Dypeg brute 60s-001B_out.fit
File
Stack
Tools
View
Help
α 23 08 45.1
23.145861
δ +17 07 51
17.130833
Astrometric solution
Solve
Data range
Histogram:
off
Medium
Minimum
0
Maximum
108
CRVAL2 = 1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1 = 7.070828122468E-004 / X pixel size (deg)
4483E-004 / Y pixel size (deg)
5948E+002 / Image twist of X axis (deg)
8816E+002 / Image twist of Y axis (deg)
4529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
9641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
3067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
9174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
T / ASTAP internal solver
0.2 sec. Offset was 26.8'. Mount offset RA=25.5', DEC=-8.1'
Add annotation
Add rectangle with annotation
Add marker
Add object position
Add object position short
Add marker at α, δ position
Measure total magnitude within rectangle
Angular distance
Show statistics within rectangle
Clean-up
Solve by providing two positions
Copy image (selection) to clipboard
Copy position to clipboard
Copy position to clipboard in °
Online query
Simbad online query
Gaia online query
Local adjustments
Gradient removal tool
Copy paste tool
Set area
Remove deep sky object (Ellipse shape)
Remove borders
Crop FITS image
DY_Peg
Click à droite sur l'étoile
Retrieve online info of the select area in the default browser.

Fichier Édition Affichage Historique Marque-pages Outils Aide

coord 347.4381673449d 16.922

simbad.u-strasbg.fr/simbad/sim-coo?Radius.unit=arcsec&Radius=5.000000&Coord=347.438

Rechercher

Astro | Supernovae | Spectro | T500 | divers | Grandma | Site internet perso | Astromecca | Big Horn Mountain Ra... | KIX 96.5 | https://www.youtube.... | Extranet - Conseil Régi... | #Entreprises

Portal | Simbad | VizieR | Aladin | X-Match | Other | Help

coord 347.4381673449d 16.9222851855d (ICRS, J2000, 2000.0), radius: 5.000000 arcsec

other query modes : Identifier query | Coordinate query | Criteria query | Reference query | Basic query | Script submission | TAP | Output options | Help

Query : coord 347.4381673449d 16.9222851855d (ICRS, J2000, 2000.0), radius: 5.000000 arcsec

23 09 45.16016277598 +16 55 20.2266(× 5.0000 arc sec submit query

Basic data :

HD 218675 -- Star

SIMBAD Query around within 2 arcmin

Distance to the center *arcsec*:	*0.31*
Other object types:	* (HD,BD,...), IR (2MASS)
ICRS coord. *(ep=J2000)* :	23 09 45.1428945372 +16 55 20.413169166 (Optical) [0.0268 0.0276 90] A 2018yCat.1345....0G
FK4 coord. *(ep=B1950 eq=1950)* :	23 07 15.7886258337 +16 39 03.942493620 [0.0268 0.0276 90]
Gal coord. *(ep=J2000)* :	090.7674640232301 -39.5153176051700 [0.0268 0.0276 90]
Proper motions *mas/yr* :	21.978 -10.486 [0.074 0.052 90] A 2018yCat.1345....0G
Radial velocity / Redshift / cz :	V(km/s) -29.09 [1.77] / z(spectroscopic) -0.000097 [0.000006] / cz -29.09 [1.77] (Opt) B 2018yCat.1345....0G
Parallaxes *(mas)*:	3.9037 [0.0413] A 2018yCat.1345....0G
Spectral type:	G0 E 1993yCat.3135....0C
Fluxes (6) :	B 10.65 [0.06] D 2000A&A...355L..27H V 10.21 [0.06] D 2000A&A...355L..27H G 10.0137 [0.0003] C 2018yCat.1345....0G J 9.265 [0.022] C 2003yCat.2246....0C H 9.050 [0.023] C 2003yCat.2246....0C K 8.983 [0.017] C 2003yCat.2246....0C

2MASS DSS SDSS

All (CDSPortal)

Send to Aladin

D:\Photo Astro\DY PEG\2017-11-07\brutes B\pipelineout\aligned\aligned_Dypeg brute 60s-001B_out.fit

File Stack Tools View Help

α 23 08 45.1 23.145861

δ +17 07 51 17.130833

Astrometric solution

Solve Save new header

Data range

Histogram:

off CS

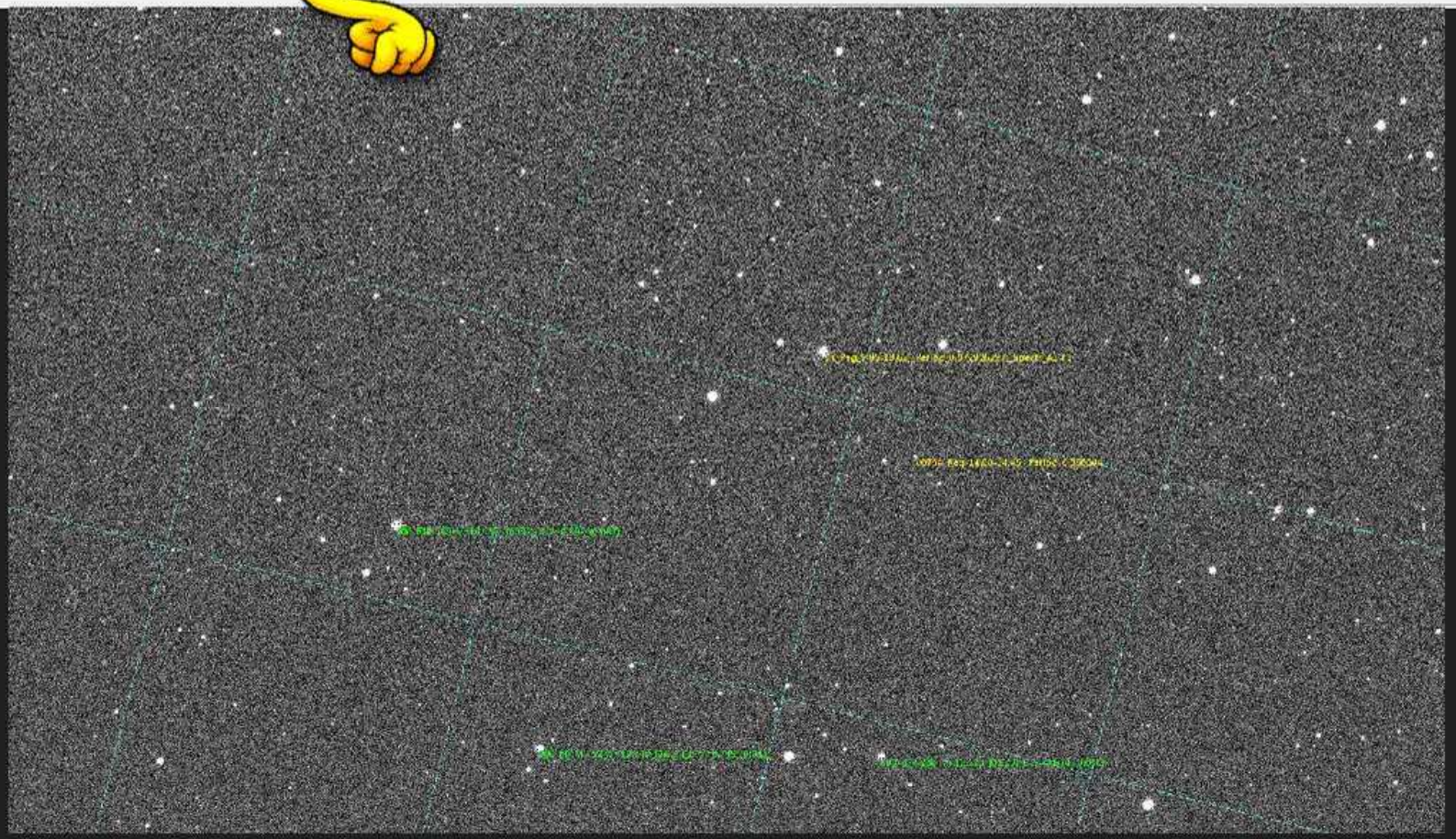
Medium Inverse wheel

Minimum 0

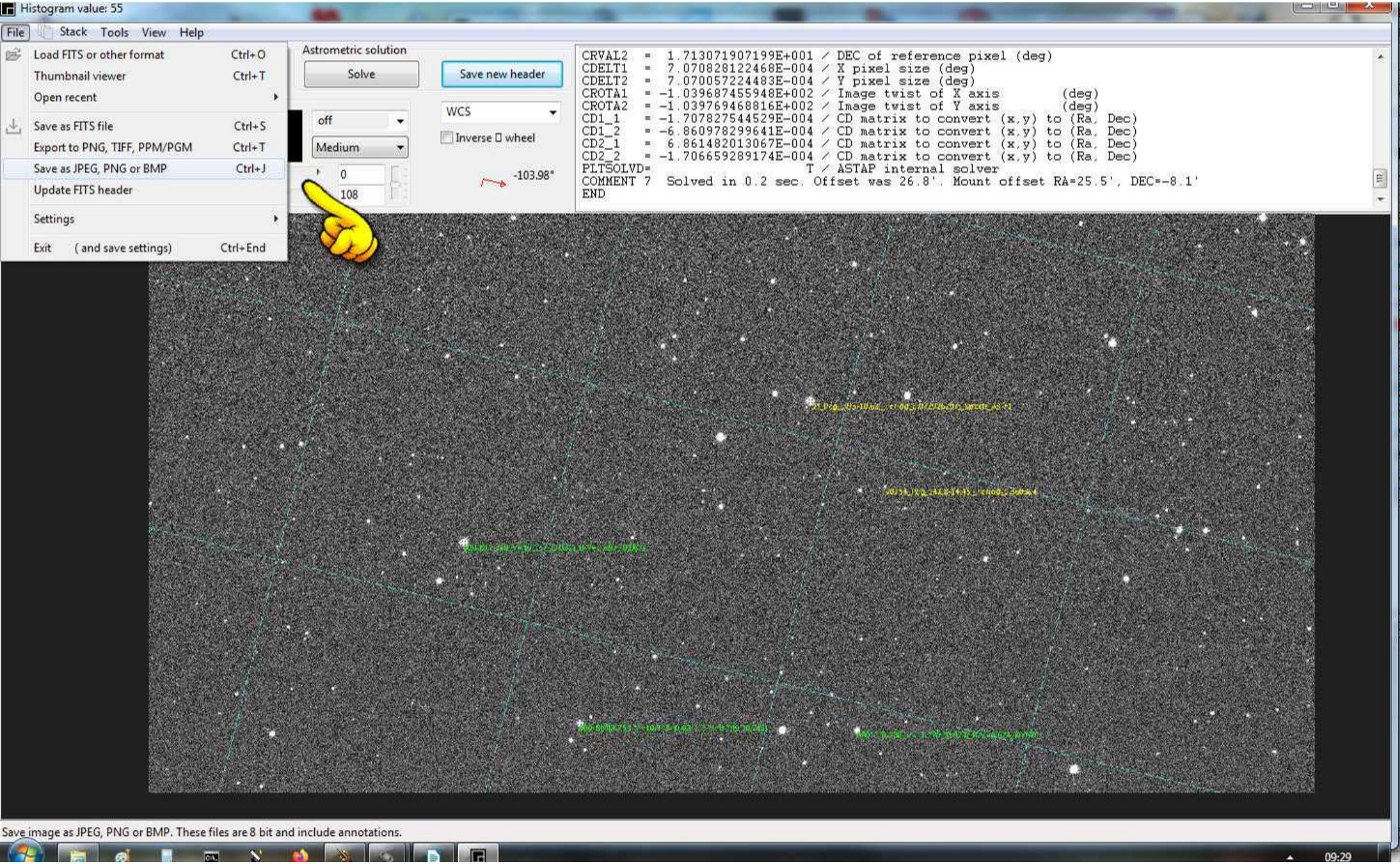
Maximum 108

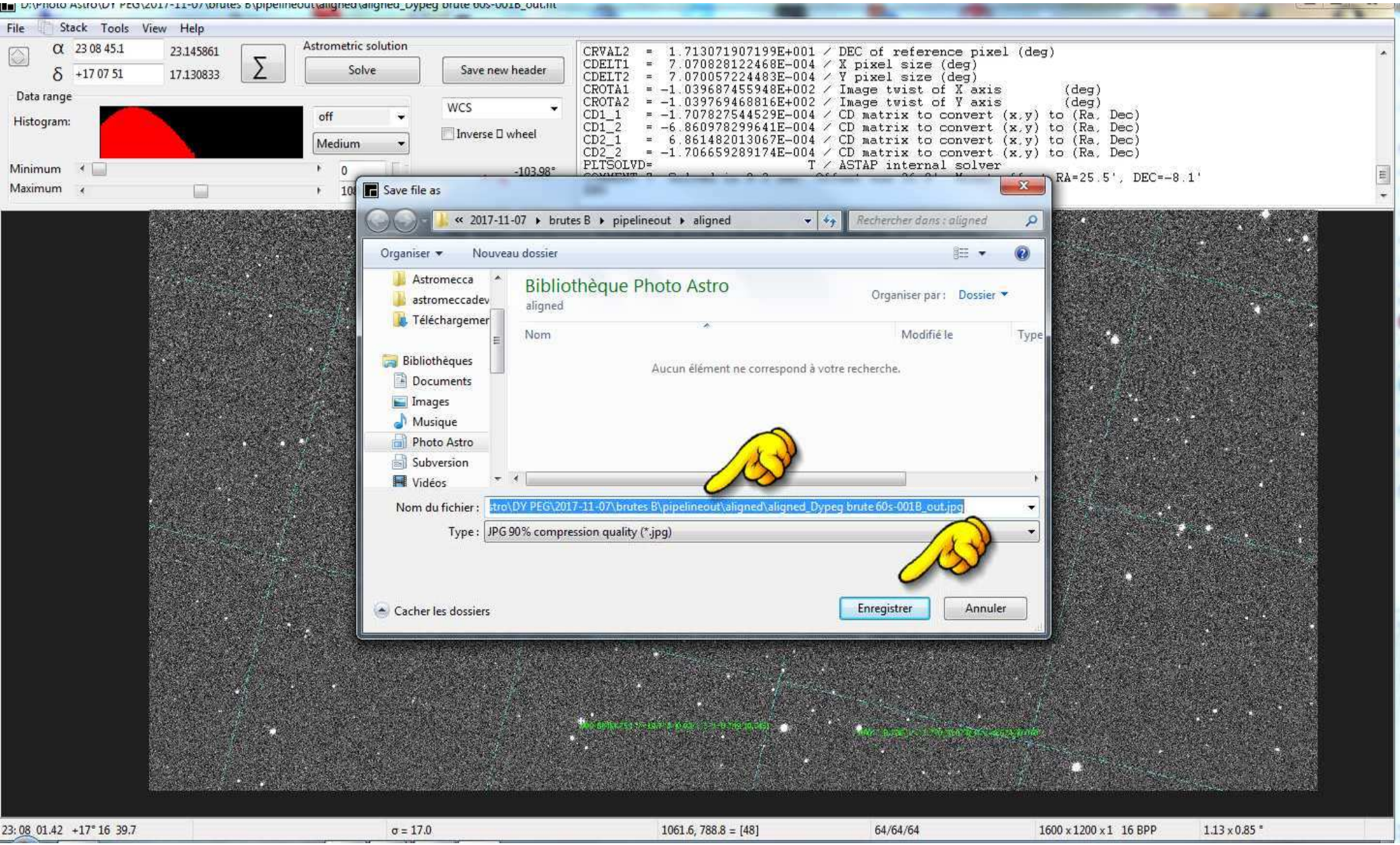
-103.98°

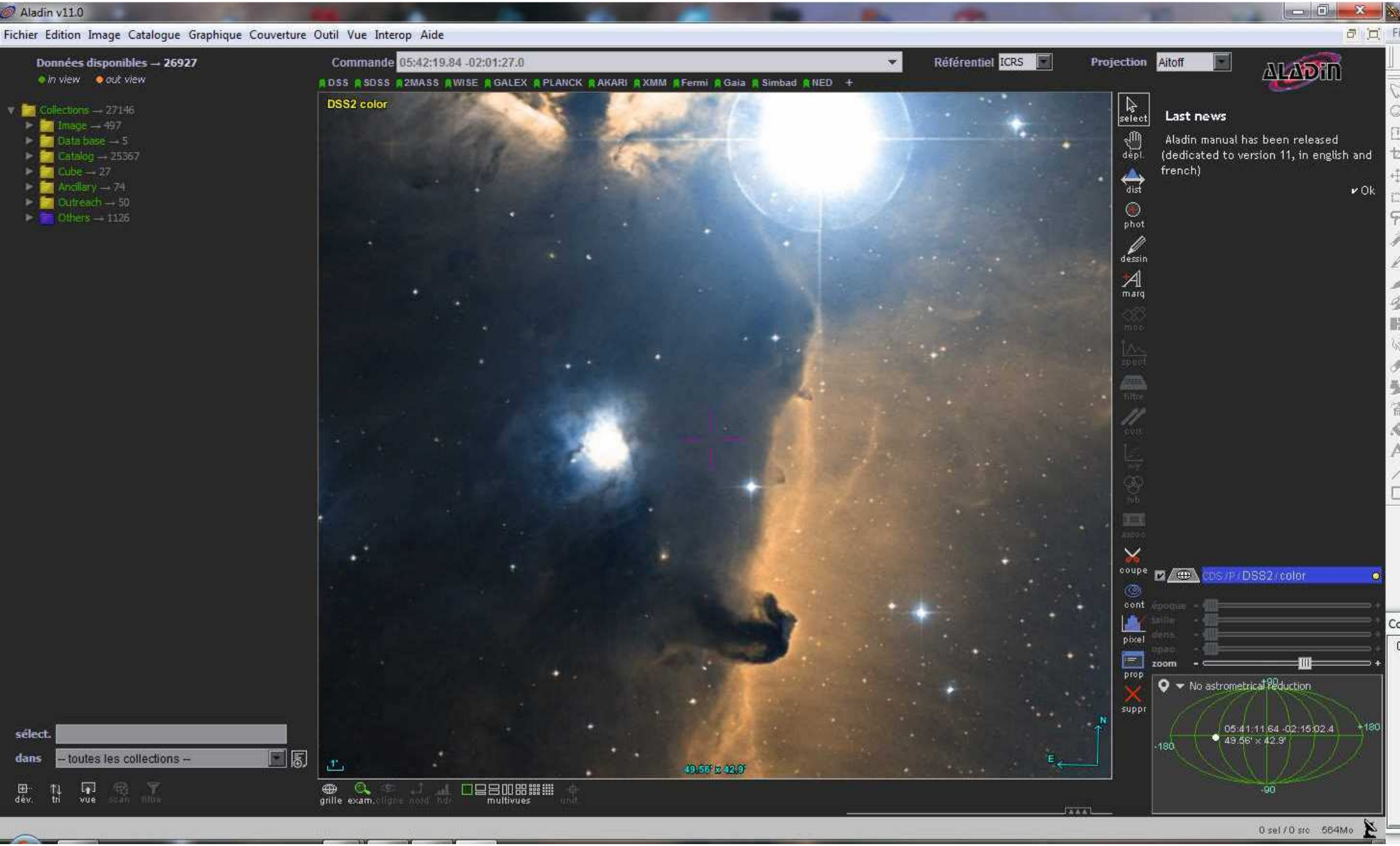
```
CRVAL2  =  1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1  =  7.070828122468E-004 / X pixel size (deg)
CDELT2  =  7.070057224483E-004 / Y pixel size (deg)
CROTA1  = -1.039687455948E+002 / Image twist of X axis        (deg)
CROTA2  = -1.039769468816E+002 / Image twist of Y axis        (deg)
CD1_1   = -1.707827544529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD1_2   = -6.860978299641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_1   =  6.861482013067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_2   = -1.706659289174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
PLTSOLVD=                    T / ASTAP internal solver
COMMENT 7  Solved in 0.2 sec. Offset was 26.8'. Mount offset RA=25.5', DEC=-8.1'
END
```

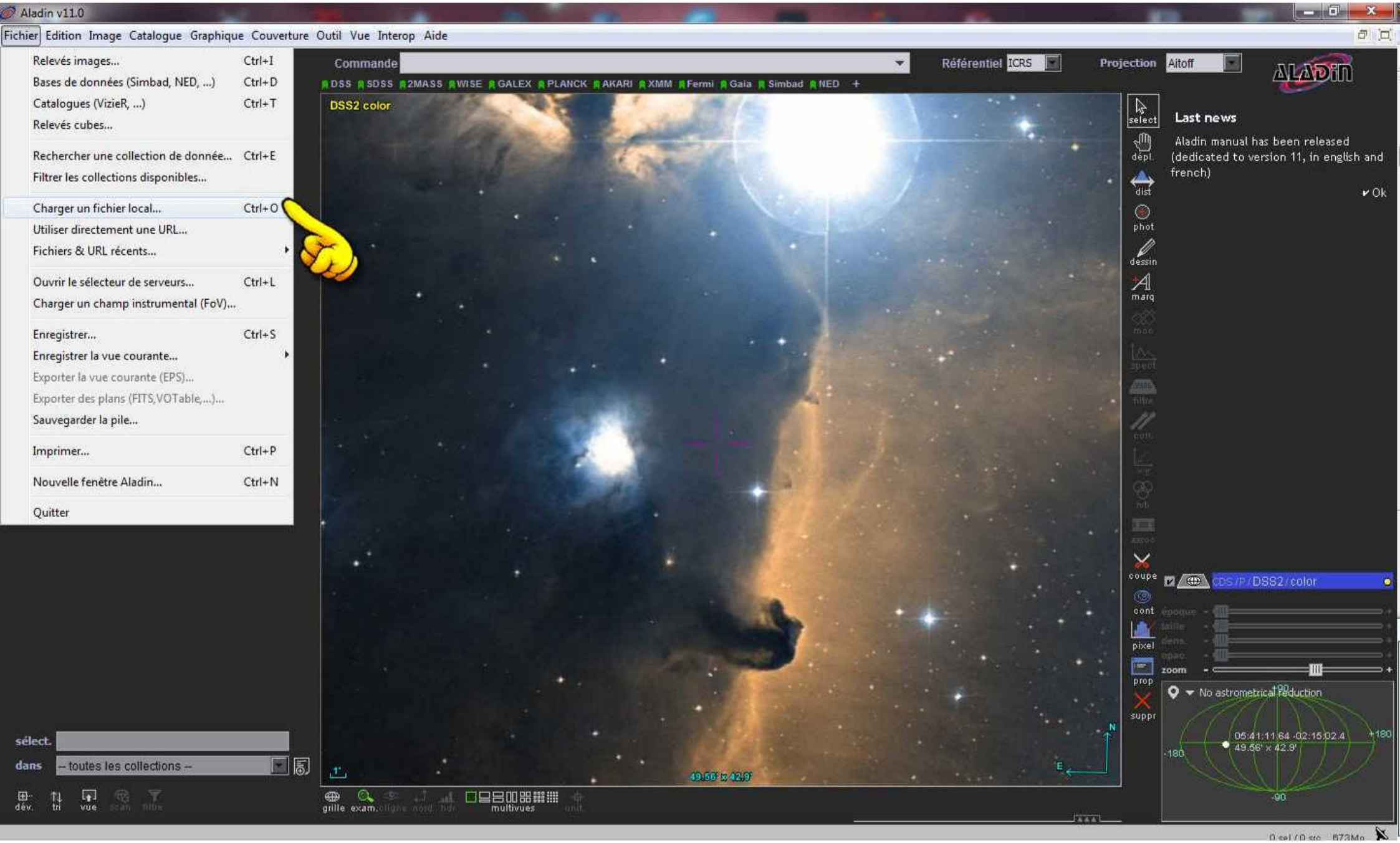


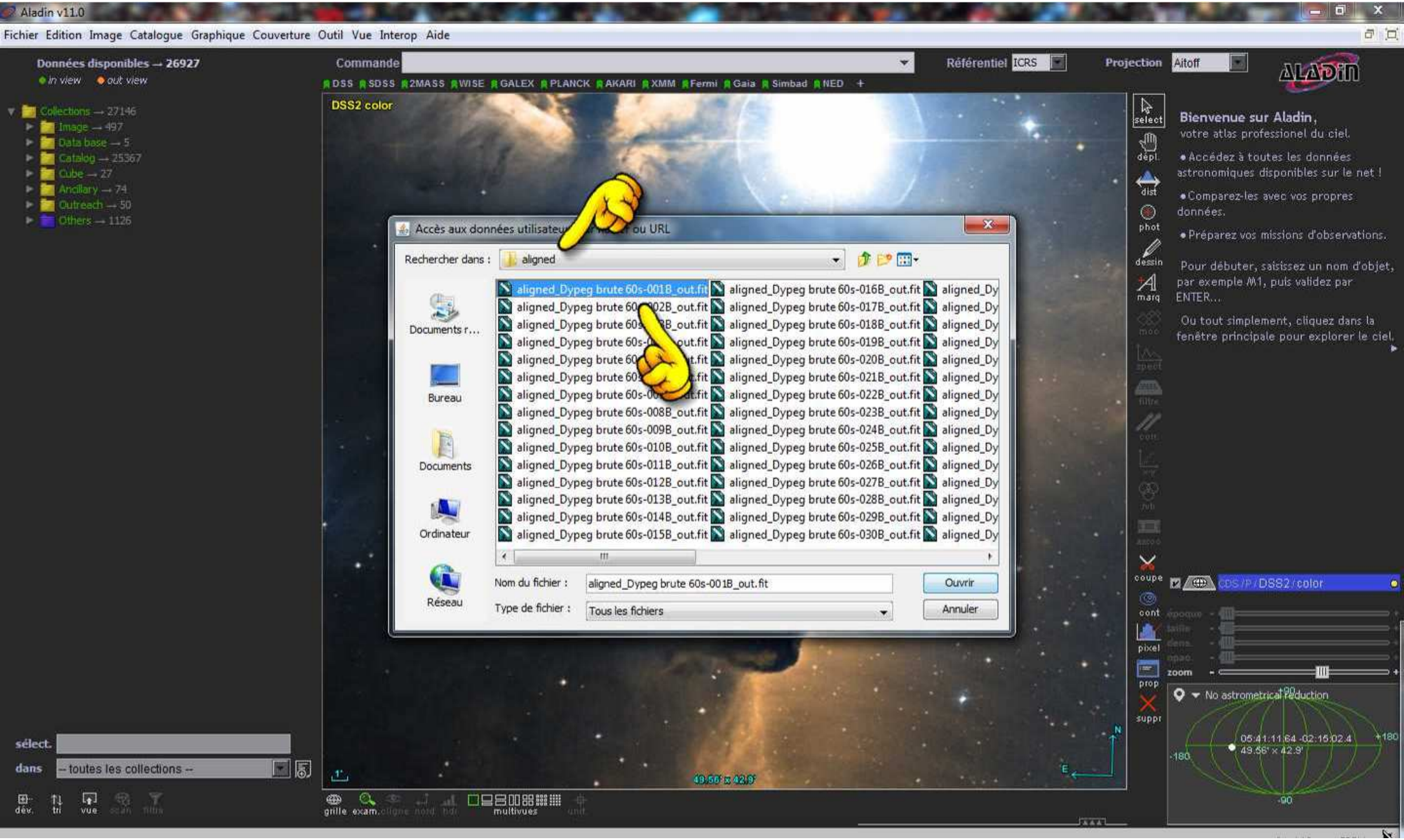
At this level the pixels are displayed as fully white.

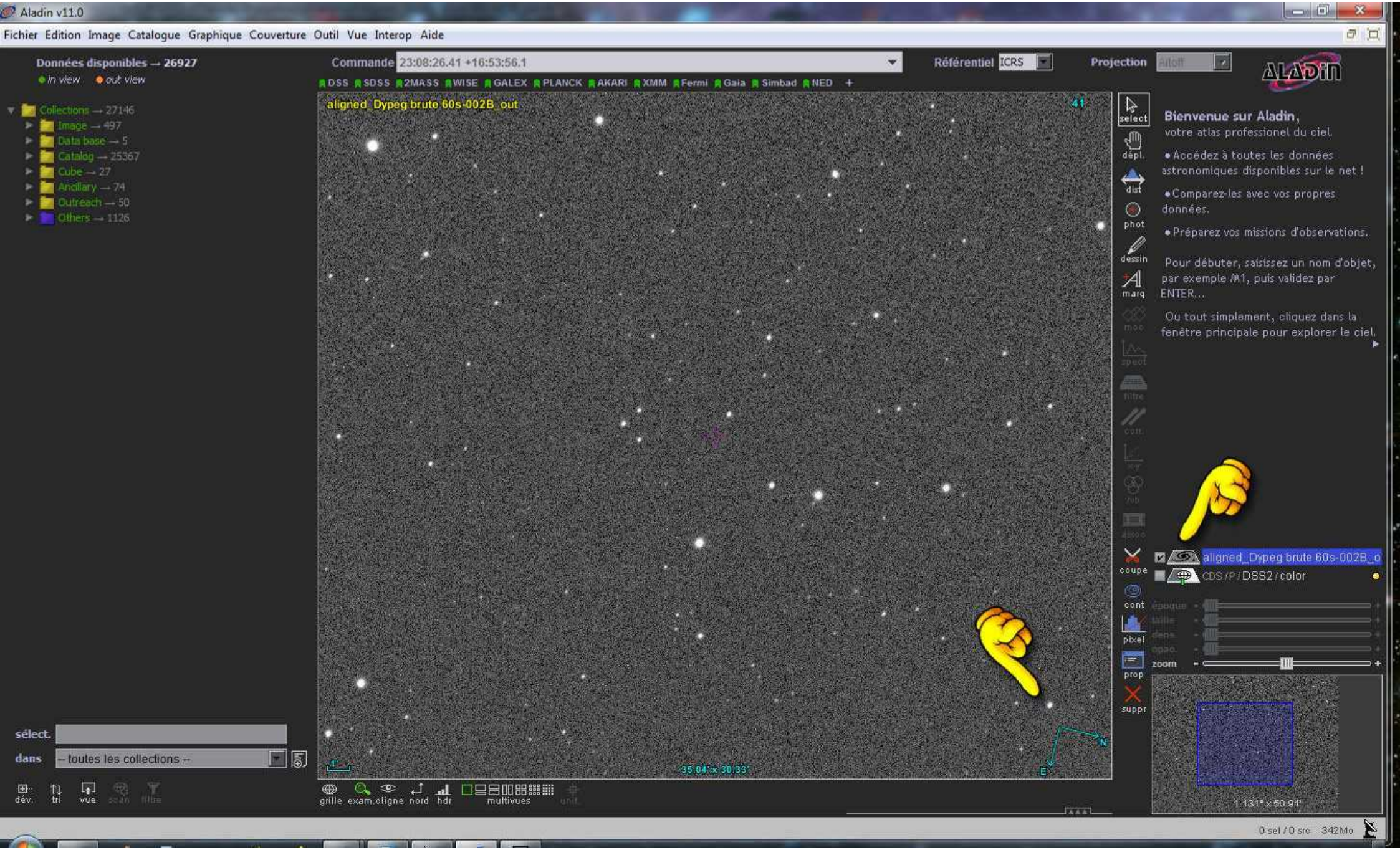

Histogram value: 55
File
Stack
Tools
View
Help
Load FITS or other format Ctrl+O
Thumbnail viewer Ctrl+T
Open recent
Save as FITS file Ctrl+S
Export to PNG, TIFF, PPM/PGM Ctrl+T
Save as JPEG, PNG or BMP Ctrl+J
Update FITS header
Settings
Exit (and save settings) Ctrl+End
Astrometric solution
Solve
Save new header
off
Medium
0
108
WCS
Inverse wheel
-103.98°
CRVAL2 = 1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1 = 7.070828122468E-004 / X pixel size (deg)
CDELT2 = 7.070057224483E-004 / Y pixel size (deg)
CROTA1 = -1.039687455948E+002 / Image twist of X axis (deg)
CROTA2 = -1.039769468816E+002 / Image twist of Y axis (deg)
CD1_1 = -1.707827544529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD1_2 = -6.860978299641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_1 = 6.861482013067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_2 = -1.706659289174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
PLTSOLVD= T / ASTAP internal solver
COMMENT 7 Solved in 0.2 sec. Offset was 26.8'. Mount offset RA=25.5', DEC=-8.1'
END
Save image as JPEG, PNG or BMP. These files are 8 bit and include annotations.
09:29


File Stack Tools View Help
α 23 08 45.1 23.145861
δ +17 07 51 17.130833
Astrometric solution
Solve
Save new header
Data range
Histogram:
off
Medium
WCS
Inverse wheel
Minimum
Maximum
CRVAL2 = 1.713071907199E+001 / DEC of reference pixel (deg)
CDELT1 = 7.070828122468E-004 / X pixel size (deg)
CDELT2 = 7.070057224483E-004 / Y pixel size (deg)
CROTA1 = -1.039687455948E+002 / Image twist of X axis (deg)
CROTA2 = -1.039769468816E+002 / Image twist of Y axis (deg)
CD1_1 = -1.707827544529E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD1_2 = -6.860978299641E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_1 = 6.861482013067E-004 / CD matrix to convert (x,y) to (Ra, Dec)
CD2_2 = -1.706659289174E-004 / CD matrix to convert (x,y) to (Ra, Dec)
PLTSOLVD= T / ASTAP internal solver
RA=25.5', DEC=-8.1'
Save file as
« 2017-11-07 ▸ brutes B ▸ pipelineout ▸ aligned
Rechercher dans : aligned
Organiser
Nouveau dossier
Astromecca
astromeccadev
Téléchargemer
Bibliothèques
Documents
Images
Musique
Photo Astro
Subversion
Vidéos
Bibliothèque Photo Astro
aligned
Organiser par : Dossier
Nom
Modifié le
Type
Aucun élément ne correspond à votre recherche.
Nom du fichier : stro\DY PEG\2017-11-07\brutes B\pipelineout\aligned\aligned_Dypeg brute 60s-001B_out.jpg
Type : JPG 90% compression quality (*.jpg)
Cacher les dossiers
Enregistrer
Annuler
23: 08 01.42 +17° 16 39.7
σ = 17.0
1061.6, 788.8 = [48]
64/64/64
1600 x 1200 x 1 16 BPP
1.13 x 0.85 °


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Données disponibles → 26927
in view
out view
Collections → 27146
Image → 497
Data base → 5
Catalog → 25367
Cube → 27
Ancillary → 74
Outreach → 50
Others → 1126
Commande 05:42:19.84 -02:01:27.0
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED +
DSS2 color
select
dépl.
dist
phot
dessin
marq
coupe
cont
pixel
prop
suppr
Last news
Aladin manual has been released (dedicated to version 11, in english and french)
Ok
CDS / P / DSS2 / color
époque
taille
dens.
opac.
zoom
No astrometrical reduction
+90
05:41:11.64 -02:15:02.4
49.56' x 42.9'
+180
-180
-90
N
E
1'
49.56' x 42.9'
sélect.
dans
-- toutes les collections --
dév.
tri
vue
grille
exam.
multivues
0 sel / 0 src
564Mo


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Relevés images... Ctrl+I
Bases de données (Simbad, NED, ...) Ctrl+D
Catalogues (VizieR, ...) Ctrl+T
Relevés cubes...
Rechercher une collection de donnée... Ctrl+E
Filtrer les collections disponibles...
Charger un fichier local... Ctrl+O
Utiliser directement une URL...
Fichiers & URL récents...
Ouvrir le sélecteur de serveurs... Ctrl+L
Charger un champ instrumental (FoV)...
Enregistrer... Ctrl+S
Enregistrer la vue courante...
Exporter la vue courante (EPS)...
Exporter des plans (FITS,VOTable,...)...
Sauvegarder la pile...
Imprimer... Ctrl+P
Nouvelle fenêtre Aladin... Ctrl+N
Quitter
Commande
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED
DSS2 color
Last news
Aladin manual has been released (dedicated to version 11, in english and french)
Ok
select
dépl.
dist
phot
dessin
marq
coupe
cont
pixel
prop
suppr
CDS/P/DSS2/color
zoom
No astrometrical reduction
05:41:11.64 -02:15:02.4
49.56' x 42.9'
sélect.
dans
-- toutes les collections --
grille
multivues


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Données disponibles → 26927
in view
out view
Commande
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED
DSS2 color
Collections → 27146
Image → 497
Data base → 5
Catalog → 25367
Cube → 27
Ancillary → 74
Outreach → 50
Others → 1126
Accès aux données utilisateur
ou URL
Rechercher dans :
aligned
Documents r...
Bureau
Documents
Ordinateur
Réseau
aligned_Dypeg brute 60s-001B_out.fit
aligned_Dypeg brute 60s-016B_out.fit
aligned_Dypeg brute 60s-017B_out.fit
aligned_Dypeg brute 60s-018B_out.fit
aligned_Dypeg brute 60s-019B_out.fit
aligned_Dypeg brute 60s-020B_out.fit
aligned_Dypeg brute 60s-021B_out.fit
aligned_Dypeg brute 60s-022B_out.fit
aligned_Dypeg brute 60s-023B_out.fit
aligned_Dypeg brute 60s-024B_out.fit
aligned_Dypeg brute 60s-025B_out.fit
aligned_Dypeg brute 60s-026B_out.fit
aligned_Dypeg brute 60s-027B_out.fit
aligned_Dypeg brute 60s-028B_out.fit
aligned_Dypeg brute 60s-029B_out.fit
aligned_Dypeg brute 60s-030B_out.fit
aligned_Dypeg brute 60s-008B_out.fit
aligned_Dypeg brute 60s-009B_out.fit
aligned_Dypeg brute 60s-010B_out.fit
aligned_Dypeg brute 60s-011B_out.fit
aligned_Dypeg brute 60s-012B_out.fit
aligned_Dypeg brute 60s-013B_out.fit
aligned_Dypeg brute 60s-014B_out.fit
aligned_Dypeg brute 60s-015B_out.fit
Nom du fichier :
aligned_Dypeg brute 60s-001B_out.fit
Type de fichier :
Tous les fichiers
Ouvrir
Annuler
Bienvenue sur Aladin,
votre atlas professionel du ciel.
• Accédez à toutes les données astronomiques disponibles sur le net !
• Comparez-les avec vos propres données.
• Préparez vos missions d'observations.
Pour débuter, saisissez un nom d'objet, par exemple M1, puis validez par ENTER...
Ou tout simplement, cliquez dans la fenêtre principale pour explorer le ciel.
CDS/P/DSS2/color
zoom
No astrometrical reduction
05:41:11.64 -02:15:02.4
49.56' x 42.9'
sélect.
dans
-- toutes les collections --


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Données disponibles -- 26927
in view
out view
Collections -- 27146
Image -- 497
Data base -- 5
Catalog -- 25367
Cube -- 27
Ancillary -- 74
Outreach -- 50
Others -- 1126
Commande
23:08:26.41 +16:53:56.1
Référentiel
ICRS
Projection
Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED
aligned_Dypeg brute 60s-002B_out
41
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coupe
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pixel
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suppr
Bienvenue sur Aladin,
votre atlas professionel du ciel.
• Accédez à toutes les données astronomiques disponibles sur le net !
• Comparez-les avec vos propres données.
• Préparez vos missions d'observations.
Pour débuter, saisissez un nom d'objet, par exemple M1, puis validez par ENTER...
Ou tout simplement, cliquez dans la fenêtre principale pour explorer le ciel.
aligned_Dypeg brute 60s-002B_o
CDS/P/DSS2/color
zoom
35.04' x 30.33'
1.131° x 50.91°
N
E
sélect.
dans
-- toutes les collections --
dév.
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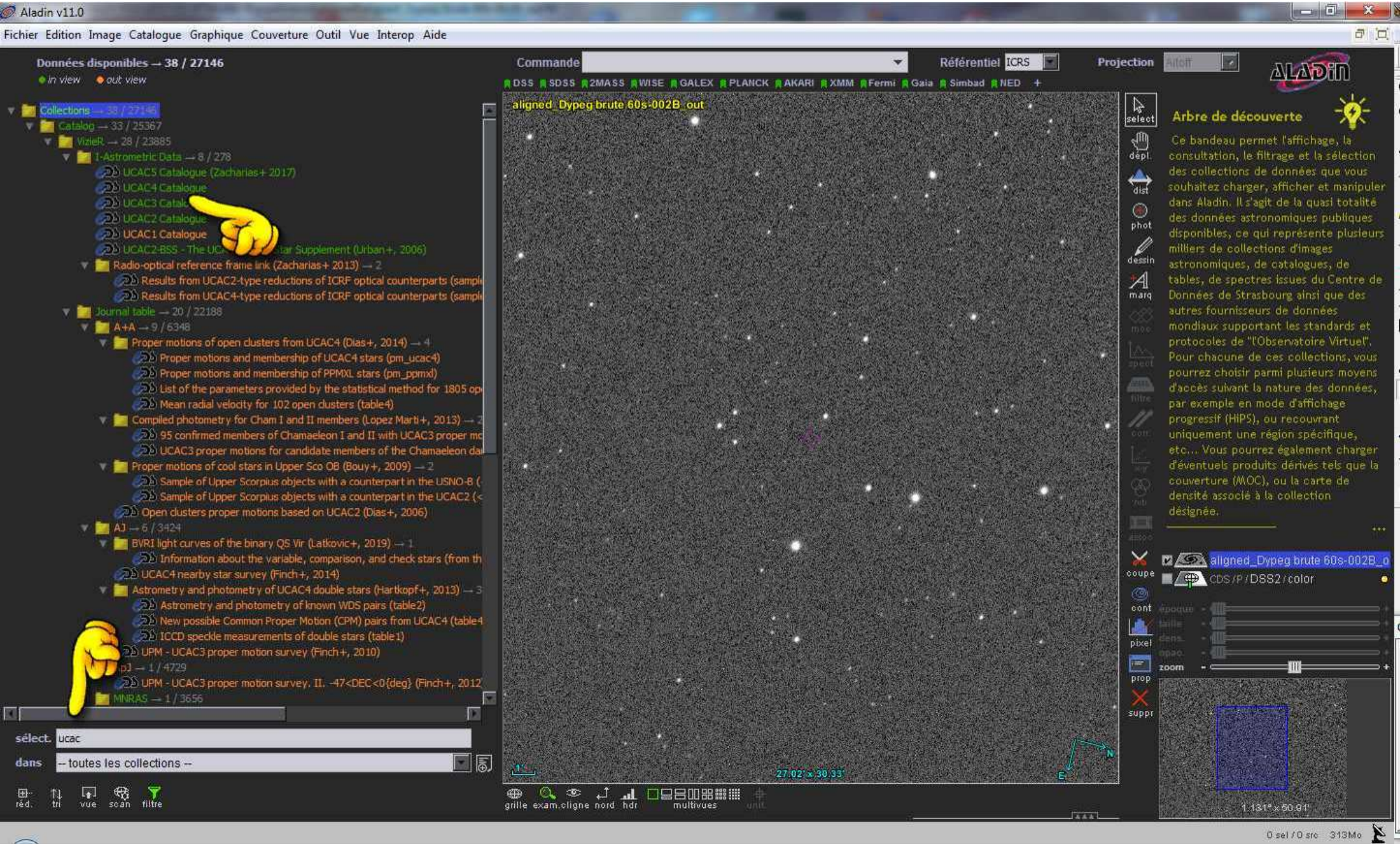
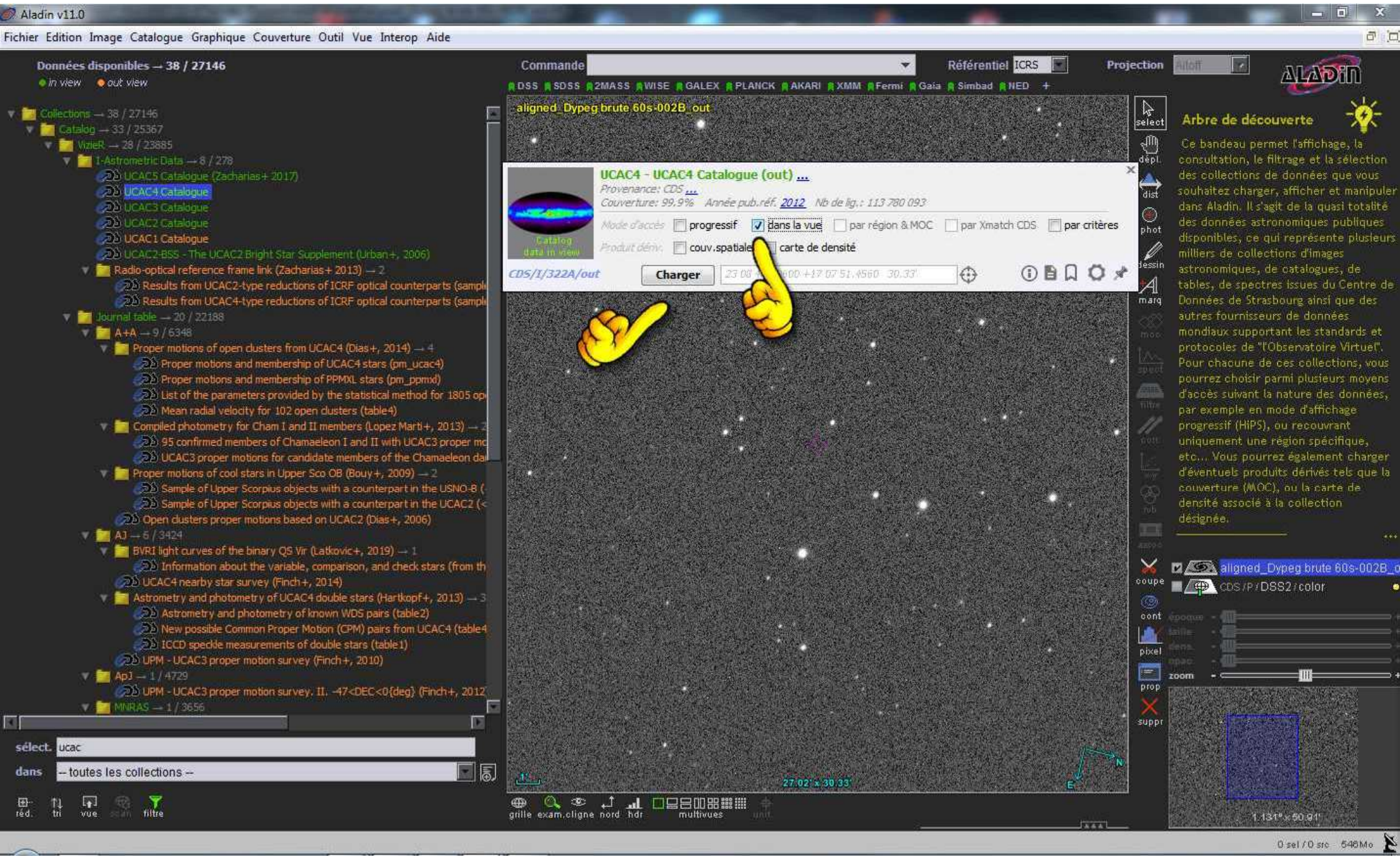
vue
grille
exam.
cligne
nord
hdr
multivues
0 sel / 0 src
342Mo


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Données disponibles → 38 / 27146
in view
out view
Collections → 33 / 27146
Catalog → 33 / 25367
VizieR → 28 / 23885
1-Astrometric Data → 8 / 278
UCAC5 Catalogue (Zacharias+ 2017)
UCAC4 Catalogue
UCAC3 Catal
UCAC2 Catalogue
UCAC1 Catalogue
UCAC2-BSS - The UC tar Supplement (Urban+, 2006)
Radio-optical reference frame link (Zacharias+ 2013) → 2
Results from UCAC2-type reductions of ICRF optical counterparts (sample
Results from UCAC4-type reductions of ICRF optical counterparts (sample
Journal table → 20 / 22188
A+A → 9 / 6348
Proper motions of open clusters from UCAC4 (Dias+, 2014) → 4
Proper motions and membership of UCAC4 stars (pm_ucac4)
Proper motions and membership of PPMXL stars (pm_ppmxl)
List of the parameters provided by the statistical method for 1805 op
Mean radial velocity for 102 open clusters (table4)
Compiled photometry for Cham I and II members (Lopez Marti+, 2013) → 2
95 confirmed members of Chamaeleon I and II with UCAC3 proper mo
UCAC3 proper motions for candidate members of the Chamaeleon da
Proper motions of cool stars in Upper Sco OB (Bouy+, 2009) → 2
Sample of Upper Scorpius objects with a counterpart in the USNO-B (
Sample of Upper Scorpius objects with a counterpart in the UCAC2 (<
Open clusters proper motions based on UCAC2 (Dias+, 2006)
AJ → 6 / 3424
BVRI light curves of the binary QS Vir (Latkovic+, 2019) → 1
Information about the variable, comparison, and check stars (from th
UCAC4 nearby star survey (Finch+, 2014)
Astrometry and photometry of UCAC4 double stars (Hartkopf+, 2013) → 3
Astrometry and photometry of known WDS pairs (table2)
New possible Common Proper Motion (CPM) pairs from UCAC4 (table4
ICCD speckle measurements of double stars (table1)
UPM - UCAC3 proper motion survey (Finch+, 2010)
pJ → 1 / 4729
UPM - UCAC3 proper motion survey. II. -47<DEC<0{deg} (Finch+, 2012
MNRAS → 1 / 3656
sélect. ucac
dans -- toutes les collections --
réd. tri vue scan filtre
Commande
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED +
aligned_Dypeg brute 60s-002B_out
27.02' x 30.33'
grille exam. cligne nord hdr multivues
select dépl. dist phot dessin marq moc spect filtre coul arr sub asso coupe cont pixel prop suppr
Arbre de découverte
Ce bandeau permet l'affichage, la consultation, le filtrage et la sélection des collections de données que vous souhaitez charger, afficher et manipuler dans Aladin. Il s'agit de la quasi totalité des données astronomiques publiques disponibles, ce qui représente plusieurs milliers de collections d'images astronomiques, de catalogues, de tables, de spectres issues du Centre de Données de Strasbourg ainsi que des autres fournisseurs de données mondiaux supportant les standards et protocoles de "l'Observatoire Virtuel". Pour chacune de ces collections, vous pourrez choisir parmi plusieurs moyens d'accès suivant la nature des données, par exemple en mode d'affichage progressif (HiPS), ou recouvrant uniquement une région spécifique, etc... Vous pourrez également charger d'éventuels produits dérivés tels que la couverture (MOC), ou la carte de densité associé à la collection désignée.
aligned_Dypeg brute 60s-002B_o
CDS/P/DSS2/color
époque
taille
dens.
opac.
zoom
1.131° x 50.91'
0 sel / 0 src 313Mo


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Données disponibles → 38 / 27146
in view
out view
Collections → 38 / 27146
Catalog → 33 / 25367
VizieR → 28 / 23685
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UCAC5 Catalogue (Zacharias+ 2017)
UCAC4 Catalogue
UCAC3 Catalogue
UCAC2 Catalogue
UCAC1 Catalogue
UCAC2-BSS - The UCAC2 Bright Star Supplement (Urban+, 2006)
Radio-optical reference frame link (Zacharias+ 2013) → 2
Results from UCAC2-type reductions of ICRF optical counterparts (sampl
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UPM - UCAC3 proper motion survey (Finch+, 2010)
ApJ → 1 / 4729
UPM - UCAC3 proper motion survey. II. -47<DEC<0{deg} (Finch+, 2012
MNRAS → 1 / 3656
sélect. ucac
dans -- toutes les collections --
réd. tri vue scan filtre
Commande
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED +
aligned_Dypeg brute 60s-002B_out
UCAC4 - UCAC4 Catalogue (out) ...
Provenance: CDS ...
Couverture: 99.9% Année pub.réf. 2012 Nb de lig.: 113 780 093
Mode d'accès progressif dans la vue par région &MOC par Xmatch CDS par critères
Produit dériv. couv.spatiale carte de densité
Catalog data in view
CDS/I/322A/out
Charger
select dépl. dist phot dessin marq moc spect filtre cont xy sub aspect coupe cont pixel prop suppr
Arbre de découverte
Ce bandeau permet l'affichage, la consultation, le filtrage et la sélection des collections de données que vous souhaitez charger, afficher et manipuler dans Aladin. Il s'agit de la quasi totalité des données astronomiques publiques disponibles, ce qui représente plusieurs milliers de collections d'images astronomiques, de catalogues, de tables, de spectres issues du Centre de Données de Strasbourg ainsi que des autres fournisseurs de données mondiaux supportant les standards et protocoles de "l'Observatoire Virtuel". Pour chacune de ces collections, vous pourrez choisir parmi plusieurs moyens d'accès suivant la nature des données, par exemple en mode d'affichage progressif (HiPS), ou recouvrant uniquement une région spécifique, etc... Vous pourrez également charger d'éventuels produits dérivés tels que la couverture (MOC), ou la carte de densité associé à la collection désignée.
aligned_Dypeg brute 60s-002B_
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27.02' x 30.33'
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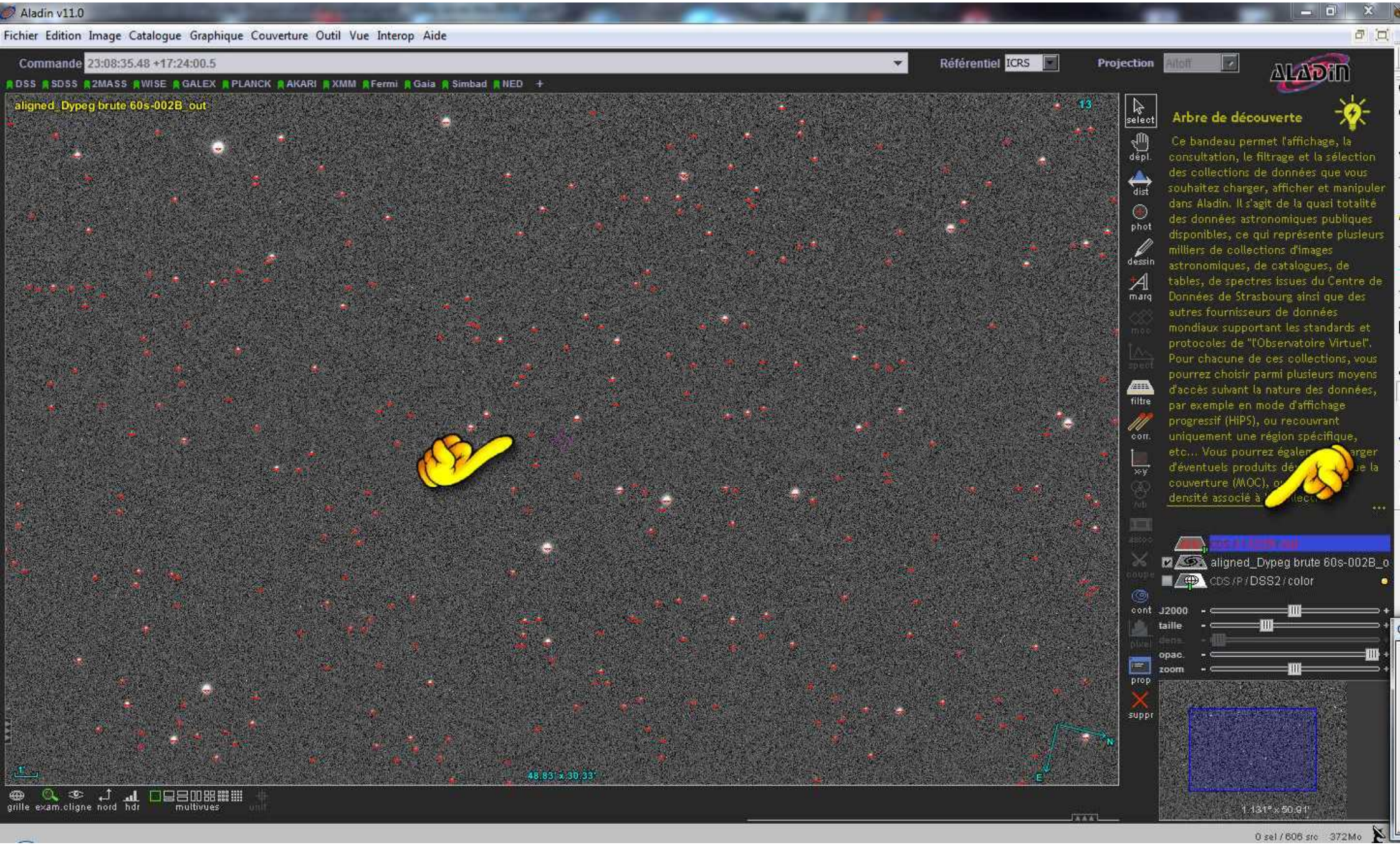
0 sel / 0 src 546Mo


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Commande 23:08:35.48 +17:24:00.5
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED +
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Arbre de découverte
Ce bandeau permet l'affichage, la consultation, le filtrage et la sélection des collections de données que vous souhaitez charger, afficher et manipuler dans Aladin. Il s'agit de la quasi totalité des données astronomiques publiques disponibles, ce qui représente plusieurs milliers de collections d'images astronomiques, de catalogues, de tables, de spectres issues du Centre de Données de Strasbourg ainsi que des autres fournisseurs de données mondiaux supportant les standards et protocoles de "l'Observatoire Virtuel". Pour chacune de ces collections, vous pourrez choisir parmi plusieurs moyens d'accès suivant la nature des données, par exemple en mode d'affichage progressif (HiPS), ou recouvrant uniquement une région spécifique, etc... Vous pourrez également charger d'éventuels produits dérivés tels que la couverture (MOC), ou
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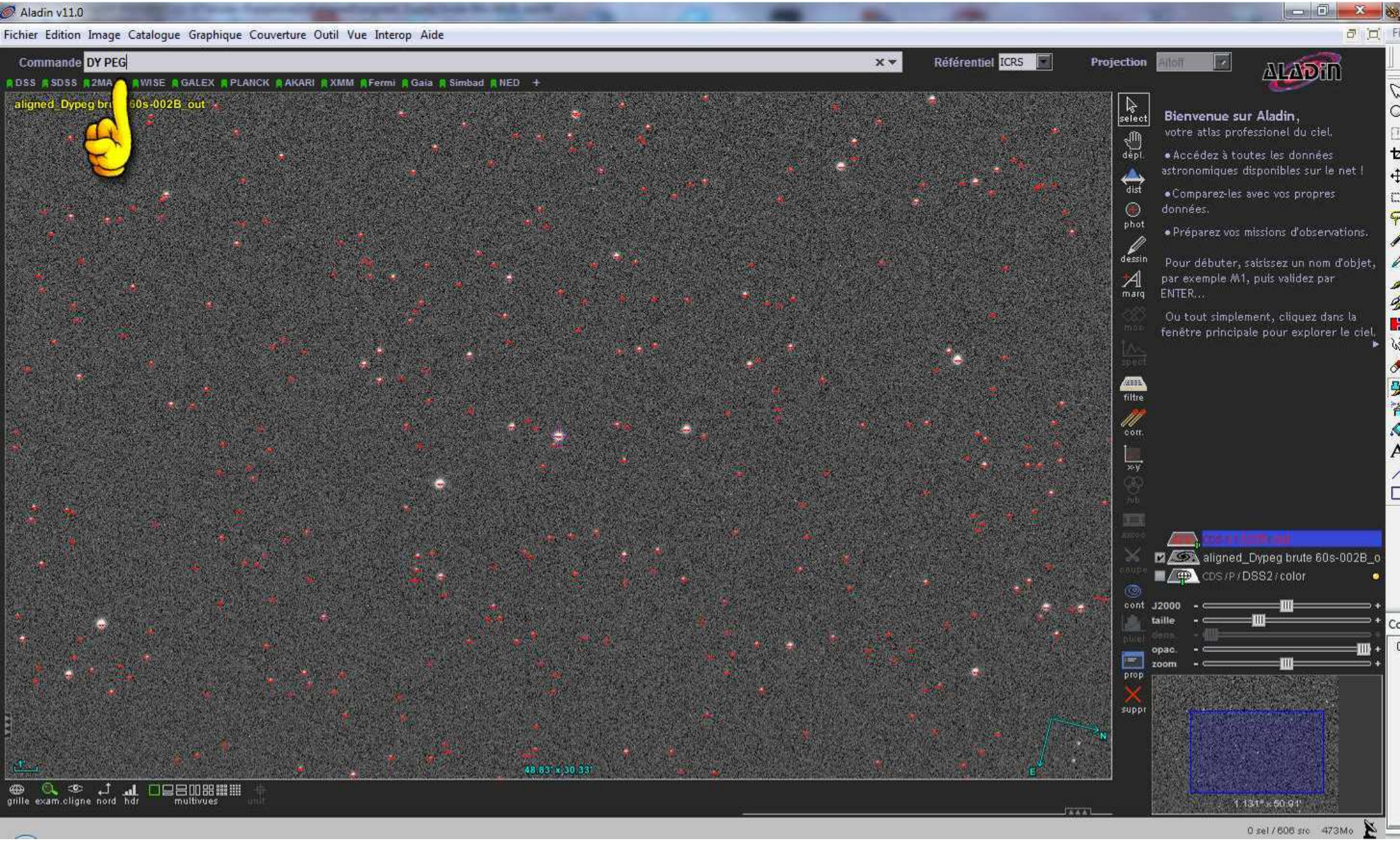
48.83' x 30.33'
1.131° x 50.91'
grille exam.cligne nord hdr multivues
0 sel / 606 src 372Mo


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Commande DY PEG
Référentiel ICRS
Projection Aitoff
DSS SDSS 2MA WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED
aligned_Dypeg bru 60s-002B_out
Bienvenue sur Aladin,
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• Comparez-les avec vos propres données.
• Préparez vos missions d'observations.
Pour débuter, saisissez un nom d'objet, par exemple M1, puis validez par ENTER...
Ou tout simplement, cliquez dans la fenêtre principale pour explorer le ciel.
select
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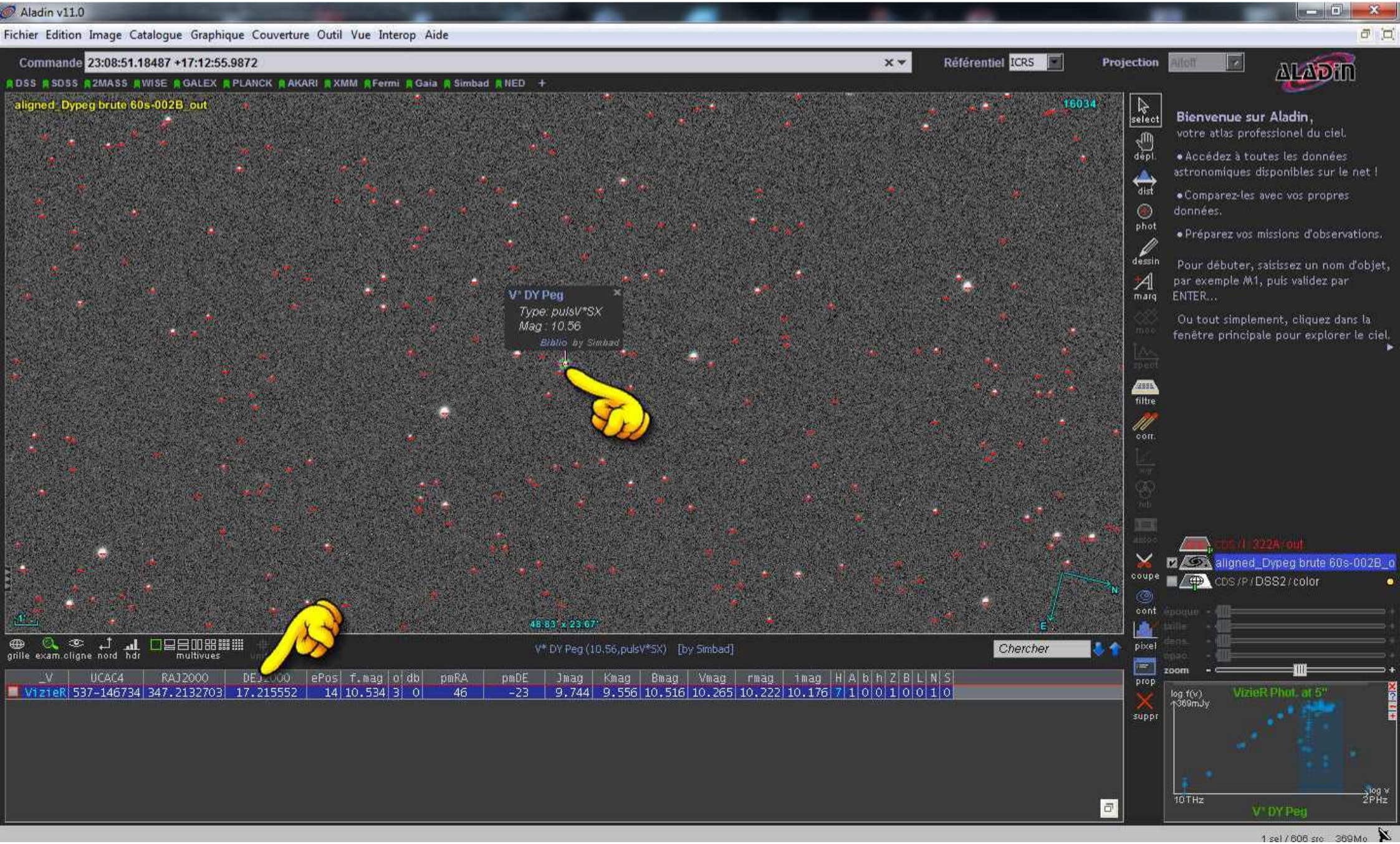
48.83' x 30.33'
grille exam. cligne nord hdr multivues
0 sel / 606 src 473Mo


Aladin v11.0
Fichier Edition Image Catalogue Graphique Couverture Outil Vue Interop Aide
Commande 23:08:51.18487 +17:12:55.9872
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DSS SDSS 2MASS WISE GALEX PLANCK AKARI XMM Fermi Gaia Simbad NED
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16034
V* DY Peg
Type: pulsV*SX
Mag : 10.56
Biblio by Simbad
48.83' x 23.67'
Bienvenue sur Aladin,
votre atlas professionel du ciel.
• Accédez à toutes les données astronomiques disponibles sur le net !
• Comparez-les avec vos propres données.
• Préparez vos missions d'observations.
Pour débuter, saisissez un nom d'objet, par exemple M1, puis validez par ENTER...
Ou tout simplement, cliquez dans la fenêtre principale pour explorer le ciel.
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V* DY Peg (10.56,pulsV*SX) [by Simbad]
Chercher
_V UCAC4 RAJ2000 DEJ2000 ePos f.mag o db pmRA pmDE Jmag Kmag Bmag Vmag rmag imag H A b h Z B L N S
VizieR 537-146734 347.2132703 17.215552 14 10.534 3 0 46 -23 9.744 9.556 10.516 10.265 10.222 10.176 7 1 0 0 1 0 0 1 0
VizieR Phot. at 5"
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2PHz
V* DY Peg
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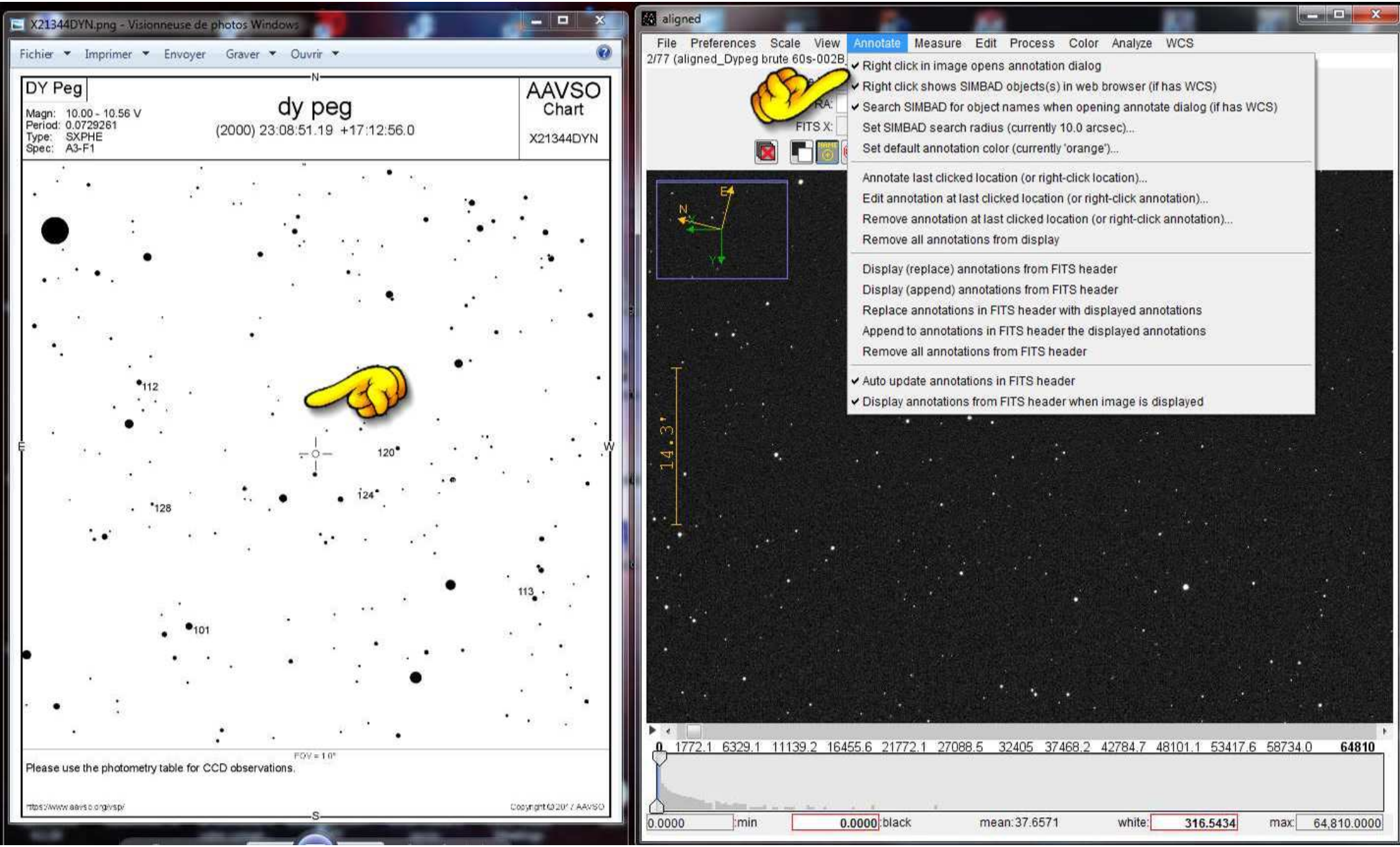
X21344DYN.png - Visionneuse de photos Windows
Fichier
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DY Peg
Magn: 10.00 - 10.56 V
Period: 0.0729261
Type: SXPHE
Spec: A3-F1
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AAVSO
Chart
X21344DYN
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120
124
128
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101
FOV = 1.0°
Please use the photometry table for CCD observations.
https://www.aavso.org/vsp/
Copyright © 20** AAVSO
aligned
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2/77 (aligned_Dypeg brute 60s-002B_
RA:
FITS X:
Right click in image opens annotation dialog
Right click shows SIMBAD objects(s) in web browser (if has WCS)
Search SIMBAD for object names when opening annotate dialog (if has WCS)
Set SIMBAD search radius (currently 10.0 arcsec)...
Set default annotation color (currently 'orange')...
Annotate last clicked location (or right-click location)...
Edit annotation at last clicked location (or right-click annotation)...
Remove annotation at last clicked location (or right-click annotation)...
Remove all annotations from display
Display (replace) annotations from FITS header
Display (append) annotations from FITS header
Replace annotations in FITS header with displayed annotations
Append to annotations in FITS header the displayed annotations
Remove all annotations from FITS header
Auto update annotations in FITS header
Display annotations from FITS header when image is displayed
E
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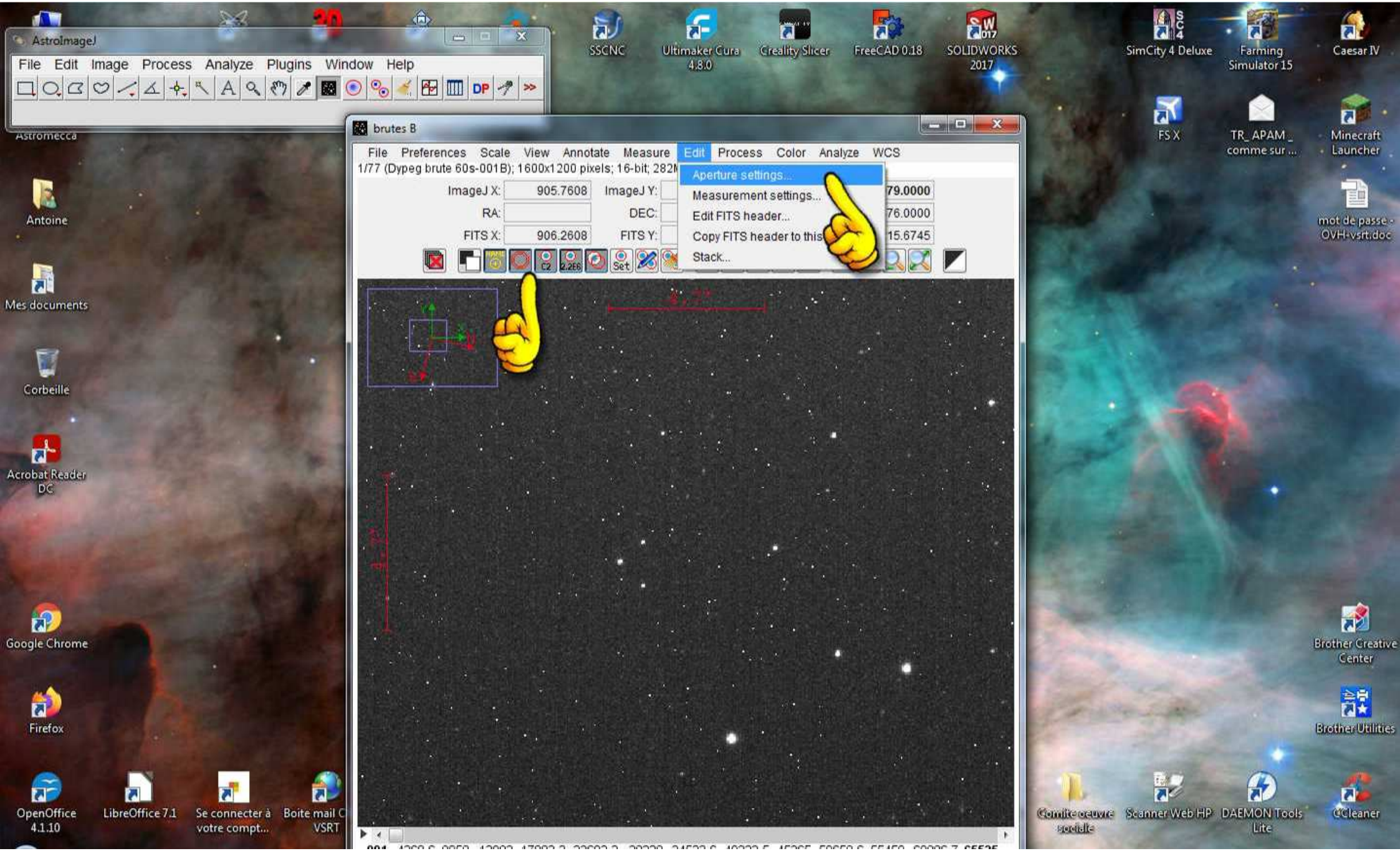
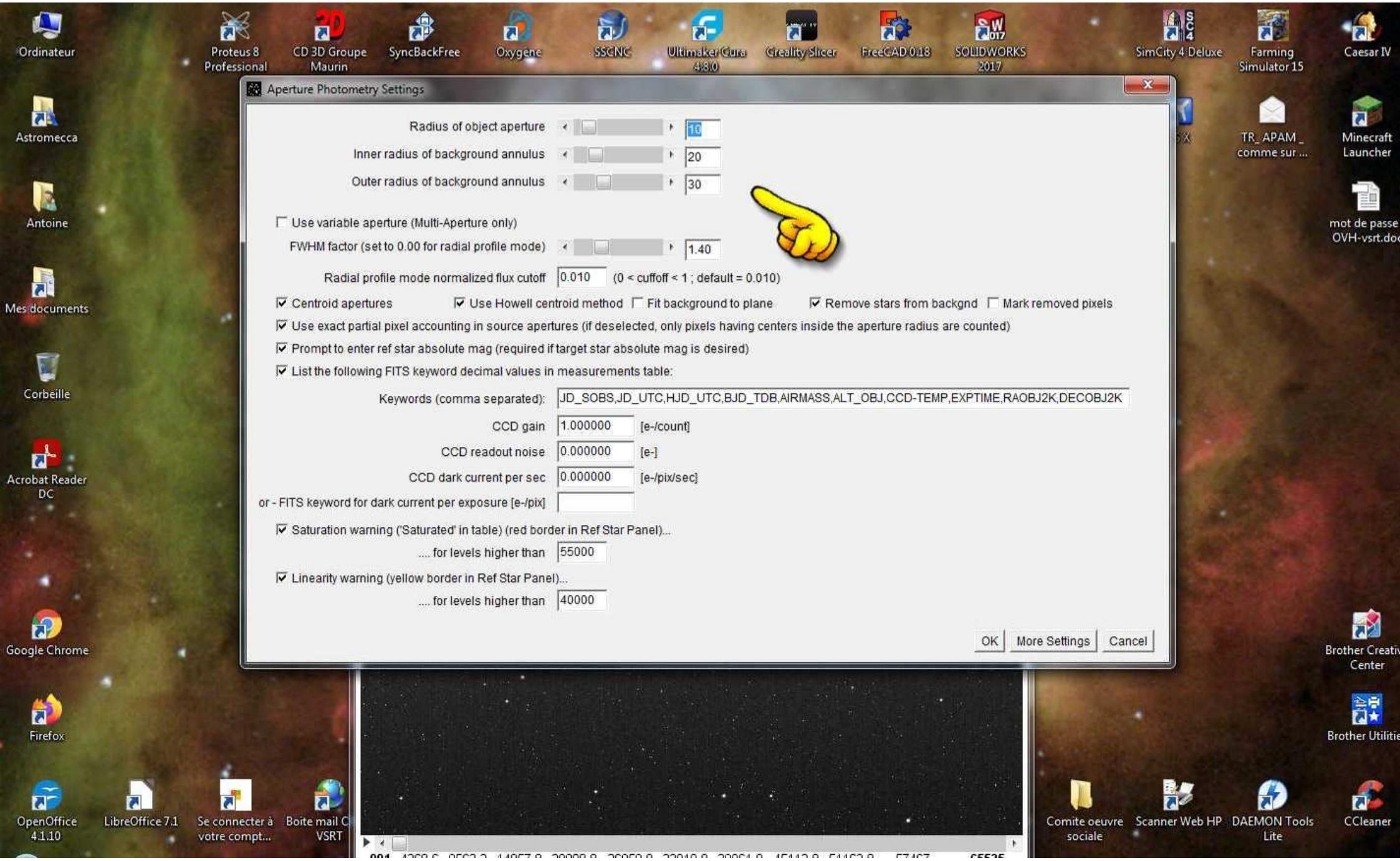
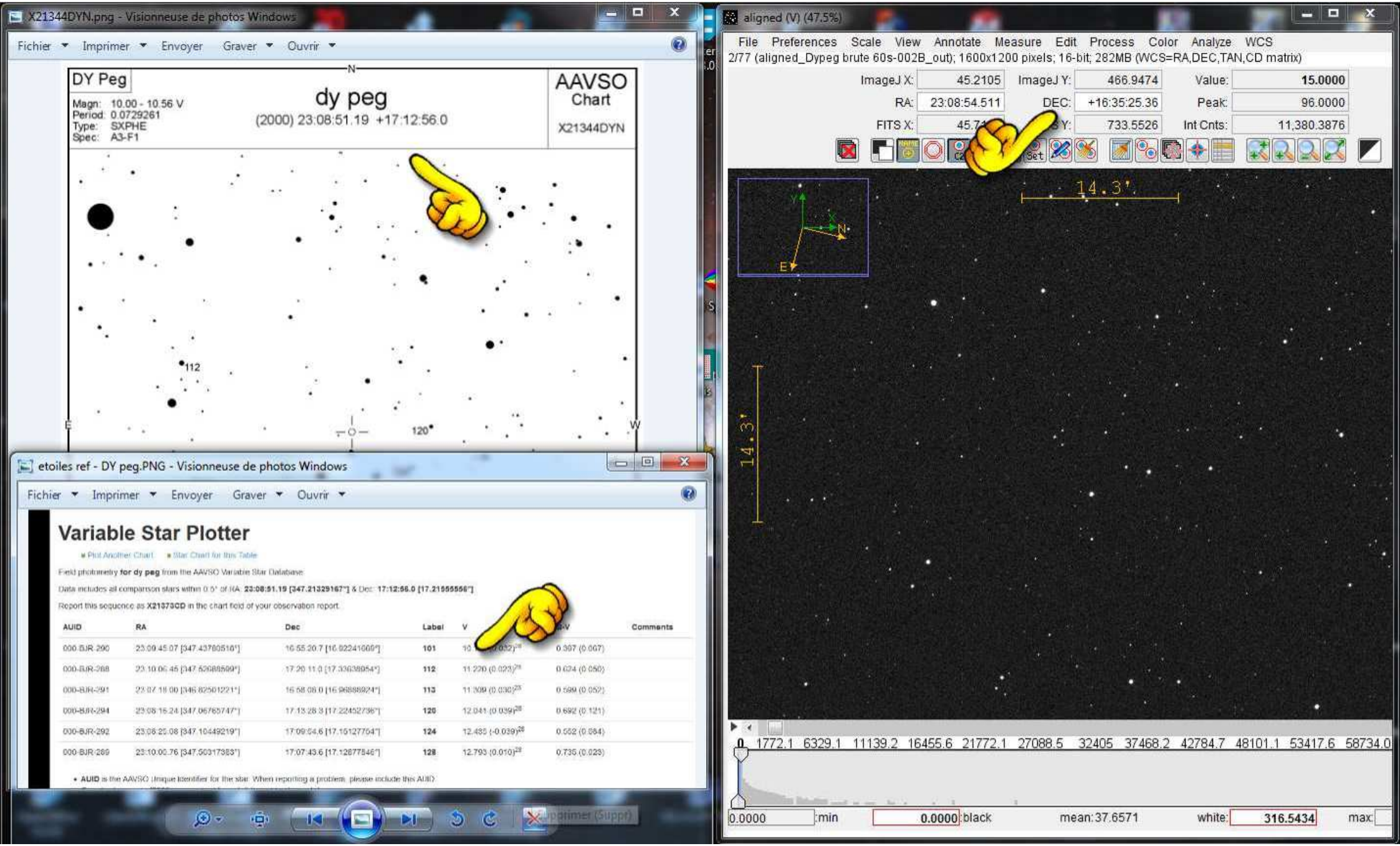
Y
14.3'
0 1772.1 6329.1 11139.2 16455.6 21772.1 27088.5 32405 37468.2 42784.7 48101.1 53417.6 58734.0 64810
0.0000 :min 0.0000 :black mean:37.6571 white: 316.5434 max: 64,810.0000


AstroImageJ
File Edit Image Process Analyze Plugins Window Help
brutes B
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
Aperture settings...
Measurement settings...
Edit FITS header...
Copy FITS header to this
Stack...
ImageJ X: 905.7608
ImageJ Y:
RA:
DEC:
FITS X: 906.2608
FITS Y:
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
SOLIDWORKS 2017
SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
FS X
TR_ APAM _ comme sur ...
Minecraft Launcher
mot de passe - OVH-vsrt.doc
Antoine
Mes documents
Corbeille
Acrobat Reader DC
Google Chrome
Firefox
OpenOffice 4.1.10
LibreOffice 7.1
Se connecter à votre compt...
Boite mail C VSRT
Brother Creative Center
Brother Utilities
Comité œuvre sociale
Scanner Web HP
DAEMON Tools Lite
CCleaner


Aperture Photometry Settings
Radius of object aperture
10
Inner radius of background annulus
20
Outer radius of background annulus
30
Use variable aperture (Multi-Aperture only)
FWHM factor (set to 0.00 for radial profile mode)
1.40
Radial profile mode normalized flux cutoff
0.010
(0 < cuffoff < 1 ; default = 0.010)
Centroid apertures
Use Howell centroid method
Fit background to plane
Remove stars from backgnd
Mark removed pixels
Use exact partial pixel accounting in source apertures (if deselected, only pixels having centers inside the aperture radius are counted)
Prompt to enter ref star absolute mag (required if target star absolute mag is desired)
List the following FITS keyword decimal values in measurements table:
Keywords (comma separated):
JD_SOBS,JD_UTC,HJD_UTC,BJD_TDB,AIRMASS,ALT_OBJ,CCD-TEMP,EXPTIME,RAOBJ2K,DECOBJ2K
CCD gain
1.000000
[e-/count]
CCD readout noise
0.000000
[e-]
CCD dark current per sec
0.000000
[e-/pix/sec]
or - FITS keyword for dark current per exposure [e-/pix]
Saturation warning ('Saturated' in table) (red border in Ref Star Panel)...
.... for levels higher than
55000
Linearity warning (yellow border in Ref Star Panel)...
.... for levels higher than
40000
OK
More Settings
Cancel
Ordinateur
Proteus 8 Professional
CD 3D Groupe Maurin
SyncBackFree
Oxygène
SSCNC
Ultimaker Cura 4.8.0
Creality Slicer
FreeCAD 0.18
SOLIDWORKS 2017
SimCity 4 Deluxe
Farming Simulator 15
Caesar IV
Astromecca
TR_ APAM _ comme sur ...
Minecraft Launcher
Antoine
mot de passe OVH-vsrt.doc
Mes documents
Corbeille
Acrobat Reader DC
Google Chrome
Brother Creativ Center
Firefox
Brother Utilitie
OpenOffice 4.1.10
LibreOffice 7.1
Se connecter à votre compt...
Boite mail C VSRT
Comite oeuvre sociale
Scanner Web HP
DAEMON Tools Lite
CCleaner


X21344DYN.png - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
DY Peg
Magn: 10.00 - 10.56 V
Period: 0.0729261
Type: SXPHE
Spec: A3-F1
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Fichier Imprimer Envoyer Graver Ouvrir
Variable Star Plotter
Plot Another Chart
Star Chart for this Table
Field photometry for dy peg from the AAVSO Variable Star Database
Data includes all comparison stars within 0.5° of RA: 23:08:51.19 [347.21329167°] & Dec: 17:12:56.0 [17.21555556°]
Report this sequence as X21373CD in the chart field of your observation report
AUID
RA
Dec
Label
V
B-V
Comments
000-BJR-290
23:09:45.07 [347.43780516°]
16:55:20.7 [16.92241666°]
101
0.397 (0.007)
000-BJR-288
23:10:06.45 [347.52688599°]
17:20:11.0 [17.33638954°]
112
11.220 (0.023)[25]
0.624 (0.050)
000-BJR-291
23:07:18.00 [346.82501221°]
16:58:06.0 [16.96888924°]
113
11.309 (0.030)[25]
0.599 (0.052)
000-BJR-294
23:08:16.24 [347.06765747°]
17:13:28.3 [17.22452736°]
120
12.041 (0.039)[28]
0.692 (0.121)
000-BJR-292
23:08:25.08 [347.10449219°]
17:09:54.6 [17.15127754°]
124
12.485 (-0.039)[26]
0.552 (0.084)
000-BJR-289
23:10:00.76 [347.50317383°]
17:07:43.6 [17.12877846°]
128
12.793 (0.010)[29]
0.735 (0.023)
AUID is the AAVSO Unique Identifier for the star. When reporting a problem, please include this AUID
aligned (V) (47.5%)
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (WCS=RA,DEC,TAN,CD matrix)
ImageJ X: 45.2105
ImageJ Y: 466.9474
Value: 15.0000
RA: 23:08:54.511
DEC: +16:35:25.36
Peak: 96.0000
FITS X: 45.71
Y: 733.5526
Int Cnts: 11,380.3876
14.3'
14.3'
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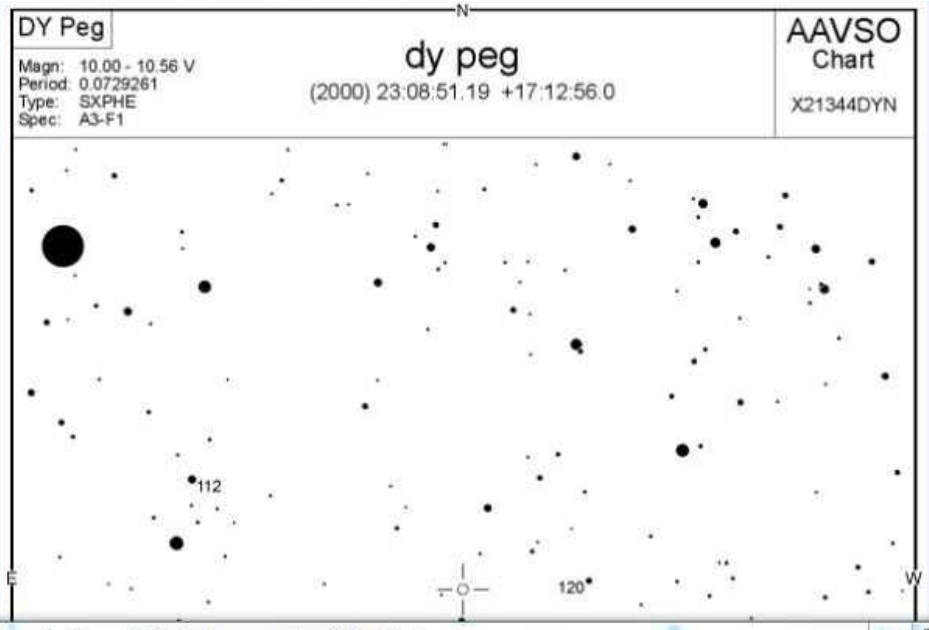
E
0 1772.1 6329.1 11139.2 16455.6 21772.1 27088.5 32405 37468.2 42784.7 48101.1 53417.6 58734.0
0.0000 :min
0.0000 :black
mean:37.6571
white: 316.5434
max:

X21344DYN.png - Visionneuse de photos Windows

Fichier Imprimer Envoyer Graver Ouvrir



etoiles ref - DY peg.PNG - Visionneuse de photos Windows

Fichier Imprimer Envoyer Graver Ouvrir

Variable Star Plotter

Plot Another Chart • Star Chart for this Table

Field photometry **for dy peg** from the AAVSO Variable Star Database

Data includes all comparison stars within 0.5° of RA: **23:08:51.19 [347.21329167°]** & Dec: **17:12:56.0 [17.21555556°]**

Report this sequence as **X21370CD** in the chart field of your observation report.

AUID	RA	Dec	Label	V	B-V	Comments
000-BJR-290	23:09:45.07 [347.43780516°]	16:55:20.7 [16.92241609°]	**101**	10.137 (0.032)[28]	0.307 (0.067)	
000-BJR-288	23:10:06.45 [347.52686589°]	17:20:11.0 [17.33638954°]	**112**	11.220 (0.023)[28]	0.624 (0.050)	
000-BJR-291	23:07:18.00 [346.82501221°]	16:58:06.0 [16.96886924°]	**113**	11.309 (0.030)[28]	0.599 (0.052)	
000-BJR-294	23:08:16.24 [347.06765747°]	17:13:28.3 [17.22452736°]	**120**	12.041 (0.039)[28]	0.692 (0.121)	
000-BJR-292	23:08:20.08 [347.10449219°]	17:09:04.6 [17.15127754°]	**124**	12.480 (-0.039)[28]	0.552 (0.084)	
000-BJR-289	23:10:02.76 [347.50317383°]	17:07:43.6 [17.12877846°]	**128**	12.793 (0.010)[28]	0.736 (0.023)	

• **AUID** is the AAVSO Unique Identifier for the star. When reporting a problem, please include this AUID.

aligned (V) (47.5%)

File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS

2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (W

ImageJ X: 1,007.3158 ImageJ Y: 24.842

RA: 23:06:57.075 DEC: +17:10:28.2

FITS X: 1,007.8158 FITS Y:

Multi-aperture...
Multi-plot...
Measure *

Plot seeing profile... * (or alt-click star)
Plot static line/box profile... *
Plot dynamic line/box profile... *
Plot azimuthal average... *
Interactive 3-D surface plot

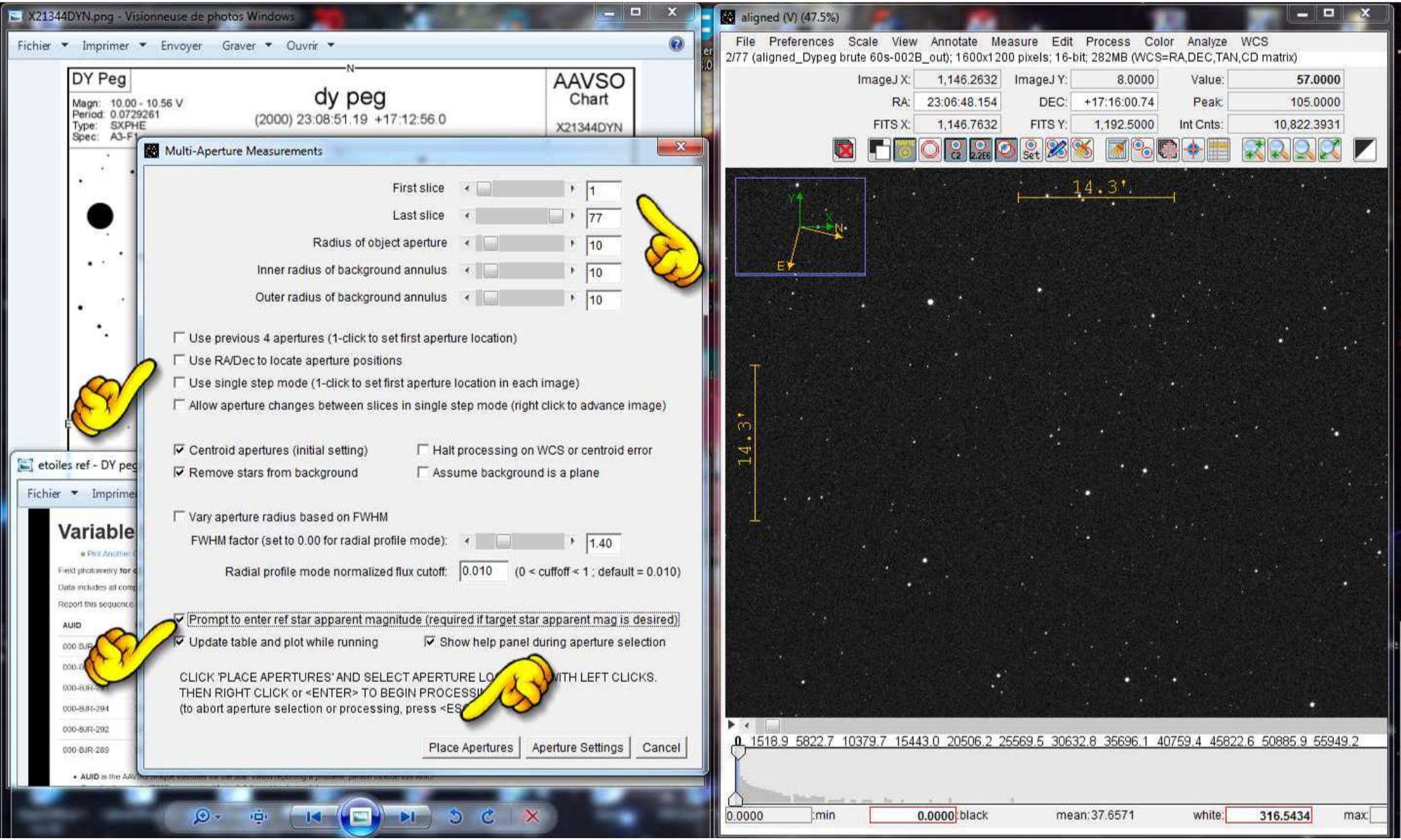
*Requires line, box, or circle selection on image before execution.

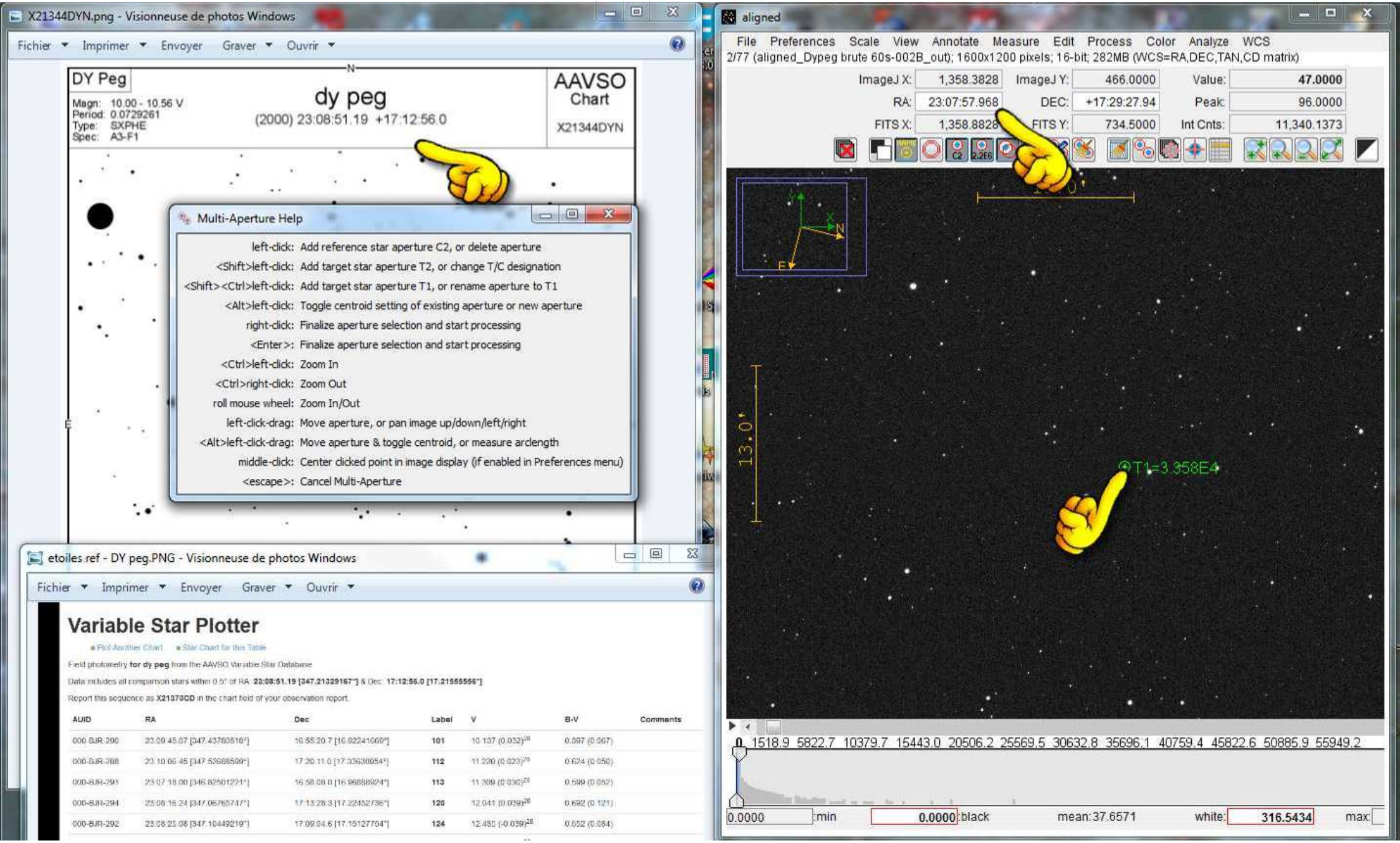
14.3'

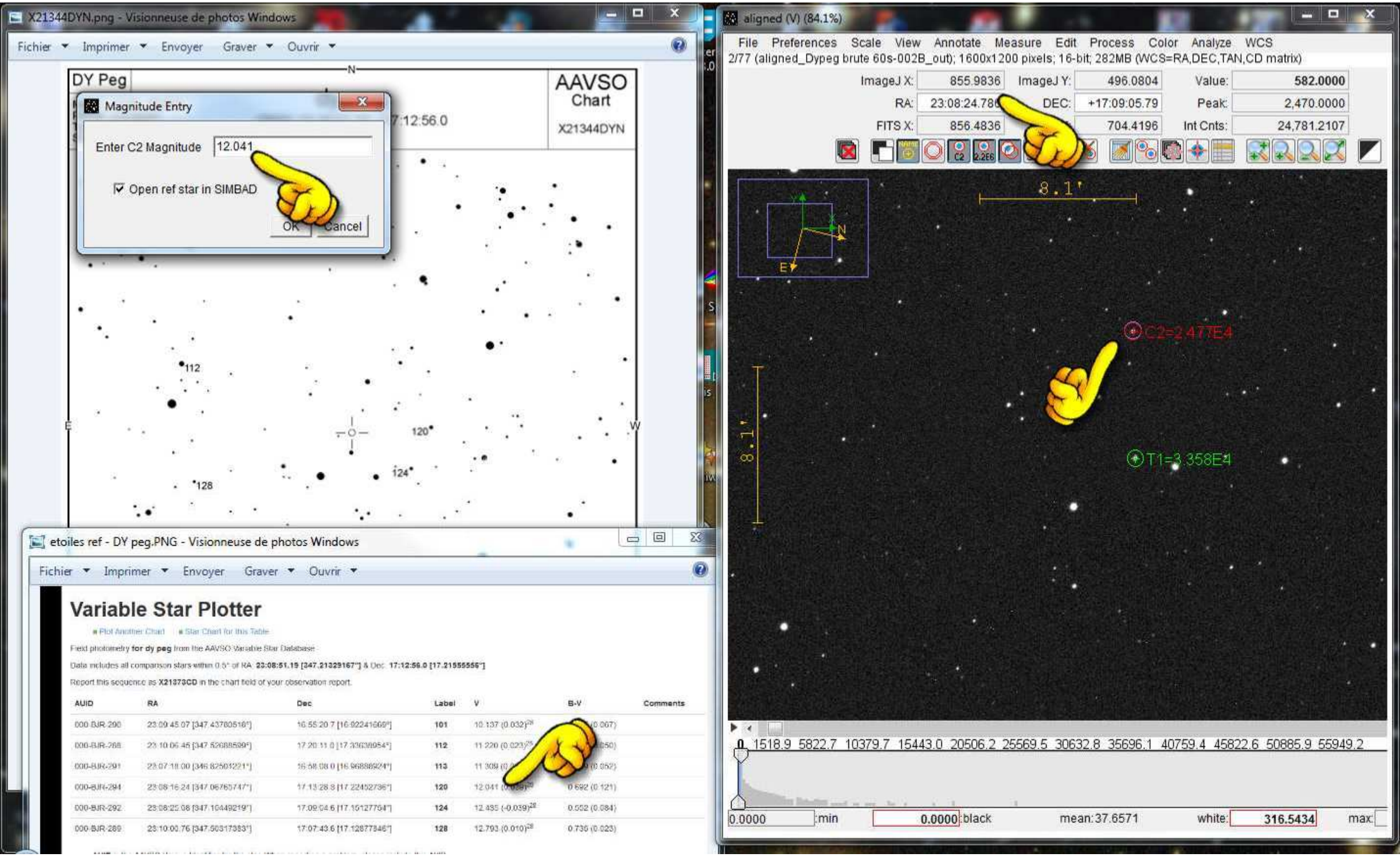
14.3'

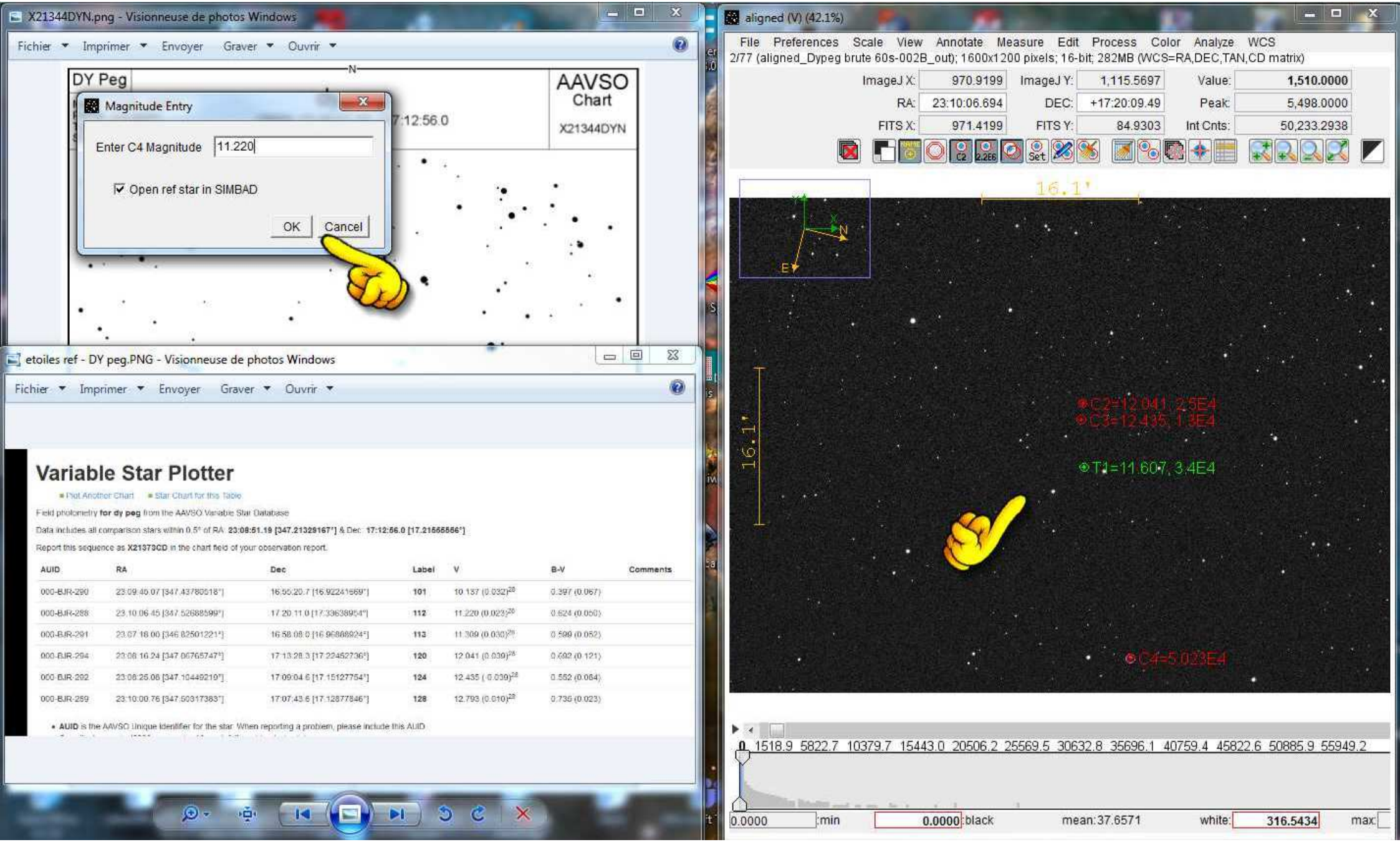
0 1518.9 5822.7 10379.7 15443.0 20506.2 25569.5 30632.8 35696.1 40759.4 45822.6 50885.9 55949.2

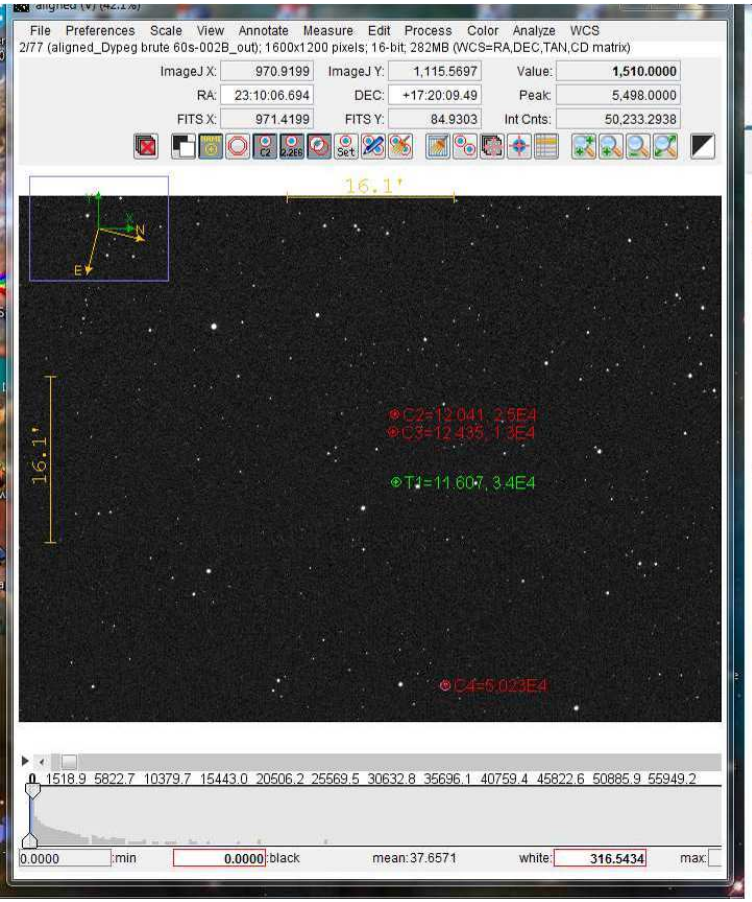
0.0000 :min 0.0000 :black mean:37.6571 white: 316.5434 max:


X21344DYN.png - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
DY Peg
Magn: 10.00 - 10.56 V
Period: 0.0729261
Type: SXPHE
Spec: A3-F1
dy peg
(2000) 23:08:51.19 +17:12:56.0
AAVSO Chart
X21344DYN
Multi-Aperture Measurements
First slice 1
Last slice 77
Radius of object aperture 10
Inner radius of background annulus 10
Outer radius of background annulus 10
Use previous 4 apertures (1-click to set first aperture location)
Use RA/Dec to locate aperture positions
Use single step mode (1-click to set first aperture location in each image)
Allow aperture changes between slices in single step mode (right click to advance image)
Centroid apertures (initial setting)
Halt processing on WCS or centroid error
Remove stars from background
Assume background is a plane
Vary aperture radius based on FWHM
FWHM factor (set to 0.00 for radial profile mode): 1.40
Radial profile mode normalized flux cutoff: 0.010 (0 < cuffoff < 1 ; default = 0.010)
Prompt to enter ref star apparent magnitude (required if target star apparent mag is desired)
Update table and plot while running
Show help panel during aperture selection
CLICK 'PLACE APERTURES' AND SELECT APERTURE LO WITH LEFT CLICKS.
THEN RIGHT CLICK or <ENTER> TO BEGIN PROCESSI
(to abort aperture selection or processing, press <ES
Place Apertures
Aperture Settings
Cancel
etoiles ref - DY peg
Fichier Imprime
Variable
AUID
000-BJR-294
000-BJR-292
000-BJR-289
aligned (V) (47.5%)
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (WCS=RA,DEC,TAN,CD matrix)
ImageJ X: 1,146.2632
ImageJ Y: 8.0000
Value: 57.0000
RA: 23:06:48.154
DEC: +17:16:00.74
Peak: 105.0000
FITS X: 1,146.7632
FITS Y: 1,192.5000
Int Cnts: 10,822.3931
14.3'
14.3'
0 1518.9 5822.7 10379.7 15443.0 20506.2 25569.5 30632.8 35696.1 40759.4 45822.6 50885.9 55949.2
0.0000 :min
0.0000 :black
mean:37.6571
white: 316.5434
max:

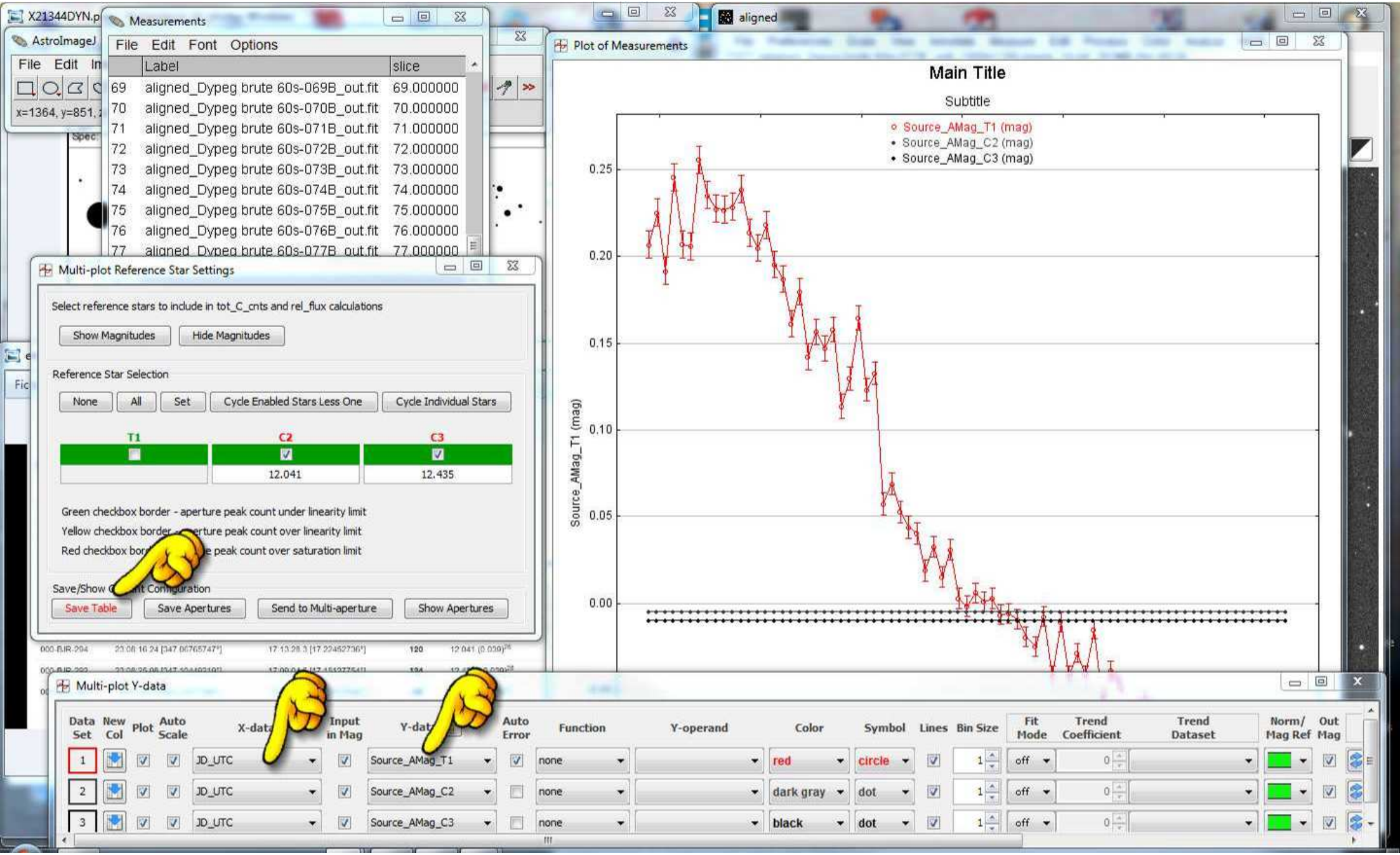

X21344DYN.png - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
DY Peg
Magn: 10.00 - 10.56 V
Period: 0.0729261
Type: SXPHE
Spec: A3-F1
dy peg
(2000) 23:08:51.19 +17:12:56.0
AAVSO
Chart
X21344DYN
Multi-Aperture Help
left-click: Add reference star aperture C2, or delete aperture
<Shift>left-click: Add target star aperture T2, or change T/C designation
<Shift><Ctrl>left-click: Add target star aperture T1, or rename aperture to T1
<Alt>left-click: Toggle centroid setting of existing aperture or new aperture
right-click: Finalize aperture selection and start processing
<Enter>: Finalize aperture selection and start processing
<Ctrl>left-click: Zoom In
<Ctrl>right-click: Zoom Out
roll mouse wheel: Zoom In/Out
left-click-drag: Move aperture, or pan image up/down/left/right
<Alt>left-click-drag: Move aperture & toggle centroid, or measure arclength
middle-click: Center clicked point in image display (if enabled in Preferences menu)
<escape>: Cancel Multi-Aperture
etoiles ref - DY peg.PNG - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
Variable Star Plotter
Field photometry for dy peg from the AAVSO Variable Star Database
Report this sequence as X21373CD in the chart field of your observation report.
AUID RA Dec Label V B-V Comments
aligned
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (WCS=RA,DEC,TAN,CD matrix)
ImageJ X: 1,358.3828
ImageJ Y: 466.0000
Value: 47.0000
RA: 23:07:57.968
DEC: +17:29:27.94
Peak: 96.0000
FITS X: 1,358.8828
FITS Y: 734.5000
Int Cnts: 11,340.1373
13.0'
T1=3.358E4
0 1518.9 5822.7 10379.7 15443.0 20506.2 25569.5 30632.8 35696.1 40759.4 45822.6 50885.9 55949.2
0.0000 :min
0.0000 :black
mean:37.6571
white: 316.5434
max:


X21344DYN.png - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
DY Peg
AAVSO Chart
X21344DYN
Magnitude Entry
Enter C2 Magnitude
12.041
Open ref star in SIMBAD
OK
Cancel
112
120
124
128
aligned (V) (84.1%)
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (WCS=RA,DEC,TAN,CD matrix)
ImageJ X: 855.9836
ImageJ Y: 496.0804
Value: 582.0000
RA: 23:08:24.786
DEC: +17:09:05.79
Peak: 2,470.0000
FITS X: 856.4836
704.4196
Int Cnts: 24,781.2107
8.1'
C2=2.477E4
T1=3.358E4
0.0000 :min
0.0000 :black
mean: 37.6571
white: 316.5434
max:
etoiles ref - DY peg.PNG - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
Variable Star Plotter
Plot Another Chart
Star Chart for this Table
Field photometry for dy peg from the AAVSO Variable Star Database
Data includes all comparison stars within 0.5° of RA: 23:08:51.19 [347.21329167°] & Dec: 17:12:56.0 [17.21555556°]
Report this sequence as X21373CD in the chart field of your observation report.
AUID
RA
Dec
Label
V
B-V
Comments
000-BJR-290 23:09:45.07 [347.43780516°] 16:55:20.7 [16.92241668°] 101 10.137 (0.032)28 0.067
000-BJR-288 23:10:06.46 [347.52688589°] 17:20:11.0 [17.33639954°] 112 11.220 (0.023)28 0.050
000-BJR-291 23:07:18.00 [346.82501221°] 16:58:08.0 [16.96888924°] 113 11.309 (0.0 0.052
000-BJR-294 23:08:16.24 [347.06765747°] 17:13:28.8 [17.22452736°] 120 12.041 (0.039)20 0.692 (0.121)
000-BJR-292 23:08:25.08 [347.10449219°] 17:09:04.6 [17.15127754°] 124 12.435 (-0.039)22 0.552 (0.084)
000-BJR-289 23:10:00.76 [347.50317383°] 17:07:43.6 [17.12877846°] 128 12.793 (0.010)28 0.736 (0.023)


X21344DYN.png - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
DY Peg
AAVSO Chart
X21344DYN
Magnitude Entry
Enter C4 Magnitude
11.220
Open ref star in SIMBAD
OK
Cancel
etoiles ref - DY peg.PNG - Visionneuse de photos Windows
Fichier Imprimer Envoyer Graver Ouvrir
Variable Star Plotter
Plot Another Chart
Star Chart for this Table
Field photometry for dy peg from the AAVSO Variable Star Database
Data includes all comparison stars within 0.5° of RA: 23:08:51.19 [347.21329167°] & Dec: 17:12:56.0 [17.21555556°]
Report this sequence as X21373CD in the chart field of your observation report.
AUID RA Dec Label V B-V Comments
000-BJR-290 23:09:40.07 [347.43780518°] 16:55:20.7 [16.92241569°] 101 10.137 (0.032)28 0.397 (0.067)
000-BJR-288 23:10:06.45 [347.52688599°] 17:20:11.0 [17.33638954°] 112 11.220 (0.023)28 0.624 (0.050)
000-BJR-291 23:07:16.00 [346.82501221°] 16:58:08.0 [16.96888924°] 113 11.309 (0.030)28 0.599 (0.052)
000-BJR-294 23:08:16.24 [347.06765747°] 17:13:28.3 [17.22452736°] 120 12.041 (0.039)28 0.692 (0.121)
000-BJR-292 23:08:25.08 [347.10449219°] 17:09:04.6 [17.15127754°] 124 12.435 (0.039)28 0.552 (0.064)
000-BJR-289 23:10:00.76 [347.50317383°] 17:07:43.6 [17.12877846°] 128 12.793 (0.010)28 0.735 (0.023)
AUID is the AAVSO Unique Identifier for the star. When reporting a problem, please include this AUID
aligned (V) (42.1%)
File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (WCS=RA,DEC,TAN,CD matrix)
ImageJ X: 970.9199 ImageJ Y: 1,115.5697 Value: 1,510.0000
RA: 23:10:06.694 DEC: +17:20:09.49 Peak: 5,498.0000
FITS X: 971.4199 FITS Y: 84.9303 Int Cnts: 50,233.2938
16.1'
16.1'
C2=12.041, 2.5E4
C3=12.435, 1.8E4
T1=11.607, 3.4E4
C4=5.023E4
0 1518.9 5822.7 10379.7 15443.0 20506.2 25569.5 30632.8 35696.1 40759.4 45822.6 50885.9 55949.2
0.0000 :min 0.0000 :black mean: 37.6571 white: 316.5434 max:


File Preferences Scale View Annotate Measure Edit Process Color Analyze WCS
2/77 (aligned_Dypeg brute 60s-002B_out); 1600x1200 pixels; 16-bit; 282MB (WCS=RA,DEC,TAN,CD matrix)
ImageJ X: 970.9199 ImageJ Y: 1,115.5697 Value: 1,510.0000
RA: 23:10:06.694 DEC: +17:20:09.49 Peak: 5,498.0000
FITS X: 971.4199 FITS Y: 84.9303 Int Cnts: 50,233.2938
16.1'
16.1'
C2=12.041, 2.5E4
C3=12.435, 1.3E4
T1=11.607, 3.4E4
C4=6.023E4
1518.9 5822.7 10379.7 15443.0 20506.2 25569.5 30632.8 35696.1 40759.4 45822.6 50885.9 55949.2
0.0000 min 0.0000 black mean:37.6571 white: 316.5434 max:


SIMBAD Astronomical Database
SIMBAD Astronomical Database
coord 23:10:06.523+17:20:11.34
simbad.cfa.harvard.edu/simbad/sim-coo?Coord=23%3A10%3A06.523%2B17%3A20%3A11.3
Rechercher
Astro Supernovae Spectro T500 divers Grandma Site internet perso Astromecca Big Horn Mountain Ra... KIX 96.5 https://www.youtube.... Extranet - Conseil Régi... #Entreprises
Portal Simbad VizieR Aladin X-Match Other Help
coord 23:10:06.523+17:20:11.34 (ICRS, J2000, 2000.0), radius: 10.0 arcsec
This mirror is hosted by the Cfa Team at the Harvard-Smithsonian Center for Astrophysics.
other query modes :
Identifier query
Coordinate query
Criteria query
Reference query
Basic query
Script submission
TAP
Output options
Help
Query : coord 23:10:06.523+17:20:11.34 (ICRS, J2000, 2000.0), radius: 10.0 arcsec
23 10 06.52299999999 +17 20 11.3400
10.0
arc sec
submit query
Basic data :
TYC 1712-370-1 -- Star
Distance to the center arcsec: 0.22
Other object types: * (TYC,Gaia),IR (2MASS)
ICRS coord. (ep=J2000) : 23 10 06.5272051129 +17 20 11.555485359 (Optical) [0.0250 0.0264 90] A 2018yCat.1345....0G
FK4 coord. (ep=B1950 eq=1950) : 23 07 37.3453468636 +17 03 55.072710933 [0.0250 0.0264 90]
Gal coord. (ep=J2000) : 091.1275106812126 -39.1970189035284 [0.0250 0.0264 90]
Proper motions mas/yr : -2.773 -17.162 [0.079 0.052 90] A 2018yCat.1345....0G
Radial velocity / Redshift / cz : V(km/s) -5.94 [0.67] / z(spectroscopic) -0.000020 [0.000002] / cz -5.94 [0.67] (Opt) A 2018yCat.1345....0G
Parallaxes (mas): 3.7275 [0.0414] A 2018yCat.1345....0G
Fluxes (6) :
B 11.86 [0.18] D 2000A&A...355L..27H
V 11.09 [0.12] D 2000A&A...355L..27H
G 11.0386 [0.0004] C 2018yCat.1345....0G
J 9.957 [0.02] C 2003yCat.2246....0C
H 9.699 [0.022] C 2003yCat.2246....0C
K 9.616 [0.015] C 2003yCat.2246....0C
SIMBAD Query around within 2 arcmin
23 10 6.527 +17 20 11.56
Simbad
FoV: 3.82'
2MASS DSS SDSS


Measurements
File Edit Font Options
Label slice
69 aligned_Dypeg brute 60s-069B_out.fit 69.000000
70 aligned_Dypeg brute 60s-070B_out.fit 70.000000
71 aligned_Dypeg brute 60s-071B_out.fit 71.000000
72 aligned_Dypeg brute 60s-072B_out.fit 72.000000
73 aligned_Dypeg brute 60s-073B_out.fit 73.000000
74 aligned_Dypeg brute 60s-074B_out.fit 74.000000
75 aligned_Dypeg brute 60s-075B_out.fit 75.000000
76 aligned_Dypeg brute 60s-076B_out.fit 76.000000
77 aligned_Dypeg brute 60s-077B_out.fit 77.000000
Multi-plot Reference Star Settings
Select reference stars to include in tot_C_cnts and rel_flux calculations
Show Magnitudes
Hide Magnitudes
Reference Star Selection
None
All
Set
Cycle Enabled Stars Less One
Cycle Individual Stars
T1
C2
C3
12.041
12.435
Green checkbox border - aperture peak count under linearity limit
Yellow checkbox border - aperture peak count over linearity limit
Red checkbox border - aperture peak count over saturation limit
Save Table
Save Apertures
Send to Multi-aperture
Show Apertures
aligned
Plot of Measurements
Main Title
Subtitle
Source_AMag_T1 (mag)
Source_AMag_C2 (mag)
Source_AMag_C3 (mag)
0.25
0.20
0.15
0.10
0.05
0.00
Source_AMag_T1 (mag)
Multi-plot Y-data
Data Set
New Col
Plot
Auto Scale
X-data
Input in Mag
Y-data
Auto Error
Function
Y-operand
Color
Symbol
Lines
Bin Size
Fit Mode
Trend Coefficient
Trend Dataset
Norm/ Mag Ref
Out Mag
1 JD_UTC Source_AMag_T1 none red circle 1 off 0
2 JD_UTC Source_AMag_C2 none dark gray dot 1 off 0
3 JD_UTC Source_AMag_C3 none black dot 1 off 0