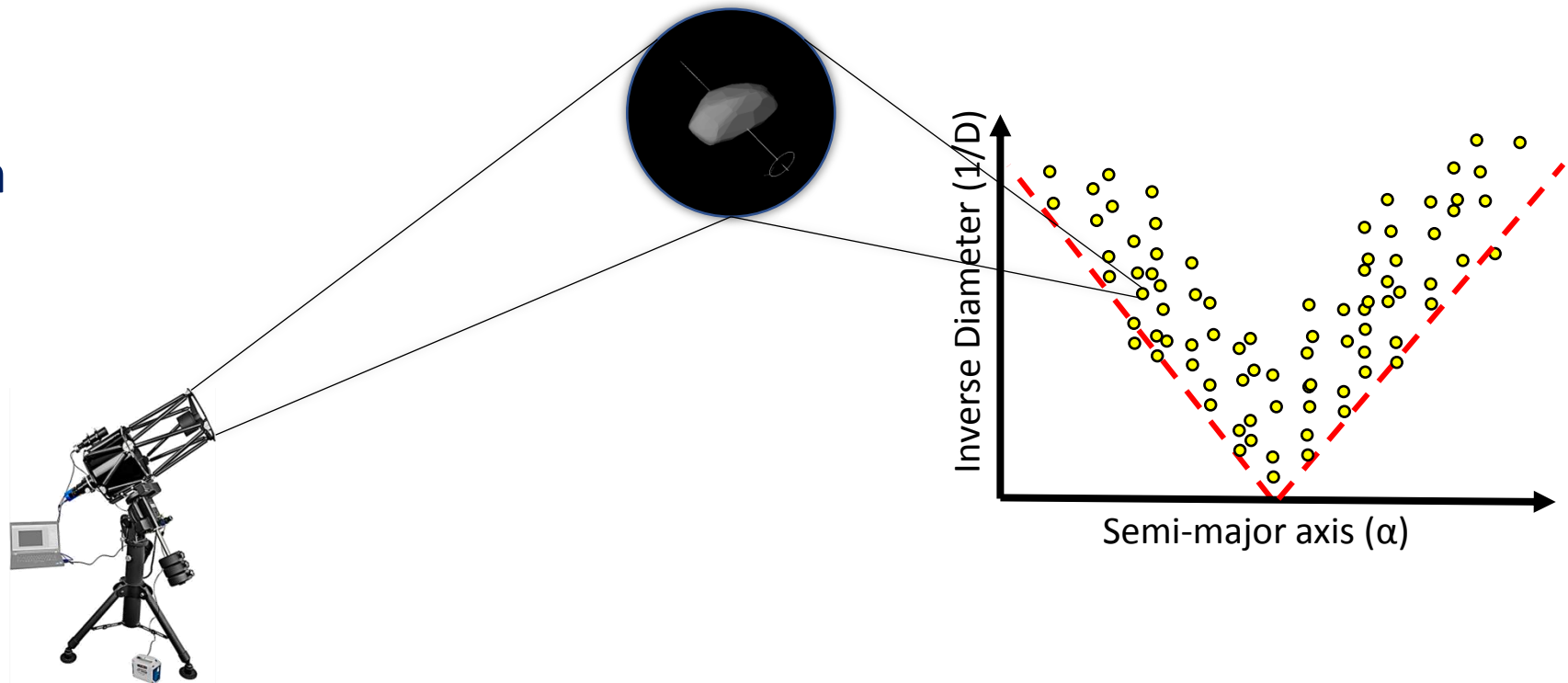



# Ancient Asteroids

An international observing campaign, that aims towards the characterization of dispersed collisional asteroid families in the Main Belt of our Solar System.

## Observer's guide: Data Submission Form



# Step A:



## Ancient Asteroids - Data Submission Form

In order to submit your observational data, please fill the Data Submission Form below.

**\* Required**

Name of observer \*

John

Surname of observer \*

Dobson

e-mail \*

johndobson@example.com

Target \*

e.g. 2768 Gorky (1972 RX3)

18024 Dobson (1999 KK4)

Additional observer(s)

In case you were not observing alone, please add other observers as: Name1 Surname1, e-mail1 - Name2 Surname2, e-mail2 ...

Your answer

Next

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The **Data Submission Form** can be found here:

<https://forms.gle/THT4X7pFJ4mx8Cns7>

- 1:** Enter your Name.
- 2:** Enter your Surname.
- 3:** Enter your e-mail.
- 4:** Enter the target designation.
- 5:** Enter the full names and e-mails of additional observers, if any.
- 6:** Click the “Next” button.

# Step B:

### Site Information

City and Country \*  
(e.g. Athens, Greece)

San Francisco, California (USA)

Latitude of Observing Site \*  
(e.g. 37°58'06.8"N or 37.968561)

37°46'39"N

Longitude of Observing Site \*  
(e.g. 23°47'00.1"E or 23.783368)

122°24'59"W

Altitude of Observing Site \*  
(in meters)

0

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- 1:** Enter the location (city and country) of the observing site.
- 2:** Enter the latitude of observing site.
- 3:** Enter the longitude of observing site.
- 4:** Enter the altitude of observing site.
- 5:** Click the “Next” button.

# Step C:

### Equipment Information

Telescope (aperture, focal length) \*

Dobsonian telescope, 356 mm aperture, 1650

Camera (type, chip size, pixel size, QE, field of view) \*

CCD, 14.9×10 mm, 6.8×6.8 μm, 80%, 25×17 arc

Time Recording Device \*

(e.g. GPS, NTP, TimeBox, Time Inserter, etc)

GPS

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- 1:** Enter your telescope characteristics (aperture and focal length).
- 2:** Enter your camera (type, chip size, pixel size, QE and field of view).
- 3:** Enter your Time Recording Time Device.

# Step D:

### Data Acquisition Information

Exposure Time \*  
(in seconds)

180

Start date and time of sequence (1st frame) \*  
format: YYYY-MM-DD, HH:MM:SS (UT)

2021-01-15, 20:29:35

End date and time of sequence (end of last frame) \*  
format: YYYY-MM-DD, HH:MM:SS (UT)

2021-01-16, 04:03:29

Calibration Frames \*

- BIAS frames
- DARK frames
- FLAT frames

Other relevant information (weather conditions, technical problems, telescope/camera peculiarities, filter, etc):

Your answer

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- 1:** Enter the exposure time of your observations (in seconds).
- 2:** Enter the start date and time of sequence (1<sup>st</sup> frame) in the specified format.
- 3:** Enter the end date and time of sequence (end of last frame) in the specified format.
- 4:** Make sure that you included all calibration frames in your .zip file and check the corresponding boxes.
- 5:** Feel free to note any other relevant information about the observation, the weather conditions or the equipment.
- 6:** Click the “Next” button.

# Step E:

### Final Remarks

Have you submitted the Personal Information Form? \*

The Personal Information Form is submitted only one time.

Yes, I have.

Have you prepared your .zip file into the required format? \*

Please, follow the online instructions:  
[http://users.uoa.gr/~kgaze/research\\_asteroids\\_observations\\_en.html](http://users.uoa.gr/~kgaze/research_asteroids_observations_en.html)

I have prepare my .zip file properly.

Astronomical data sharing and processing \*

I agree to share my observational data that will be processed by the Ancient Asteroid DPAC.

Press "Submit" and you will be asked to upload your .zip file.

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**1:** Check the box if you have submitted the Personal Information Form (This form is submitted only once!). You can always find it here:

<https://forms.gle/1yLwK5hvvSfBvKRNA>

**2:** Please, be sure that you prepared your .zip file under the required format. The format is described here:


[http://users.uoa.gr/~kgaze/research\\_asteroids\\_observations\\_en.html](http://users.uoa.gr/~kgaze/research_asteroids_observations_en.html)

**3:** Check the box for your agreement on sharing and processing your astronomical data by the Data Processing and Analysis Consortium (DPAC).

**4:** Press the "Submit" button.

**Attention: This is NOT the final step!**

# Step F:



Ancient Asteroids - Data Submission Form

Thank you for your effort!  
Please submit here your observational data:  
[https://uoa2-my.sharepoint.com/:f/g/personal/dimathanaso\\_o365\\_uoa\\_gr/EmsCKNI0rRplr4VE9txaj9qBG8e1DpSbUzJgzSHDMYSPIA](https://uoa2-my.sharepoint.com/:f/g/personal/dimathanaso_o365_uoa_gr/EmsCKNI0rRplr4VE9txaj9qBG8e1DpSbUzJgzSHDMYSPIA)

[Submit another response](#)

## Follow the link!

After submitting the *Data Submission Form*, follow the provided link to submit your observational data. You will automatically receive a confirmation e-mail.

# Step G:

OneDrive



Dimitrios Athanasopoulos is requesting files for

**Ancient Asteroids: SUBMIT your data!**

Select files



**Press this button!**

*A File Explorer Window pops out.*

Locate the .zip file with your observations.



# Step H:

OneDrive



Dimitrios Athanasopoulos is requesting files for

## Ancient Asteroids: SUBMIT your data!

210115\_John\_Dobson.zip



+ Add more files

Total 1 file 704 KB

First name \*

John

Last name \*

Dobson

Upload



Confirm that the selected .zip file is correct.  
Enter your first and last name.

**Press this button!**

# Almost done...

OneDrive



Uploading 75%



Please, wait until the file is uploaded.

# Done!

OneDrive



Hey John Dobson, your upload was successful!

We'll let Dimitrios Athanasopoulos know that you uploaded files.

Upload more

**That's it!**

For future submissions, follow the same steps.

# Contact the Team

Any questions, queries or other communication, related to the [Ancient Asteroids](#) project, should be addressed to:

Kosmas Gazeas

PI and Scientific Coordinator, National and Kapodistrian University of Athens

[kgaze@physics.auth.gr](mailto:kgaze@physics.auth.gr), [kgaze@phys.uoa.gr](mailto:kgaze@phys.uoa.gr)

AND COPY to:

Dimitrios Athanasopoulos

PhD candidate, National and Kapodistrian University of Athens

[dimathanaso@phys.uoa.gr](mailto:dimathanaso@phys.uoa.gr)

The email should have the title: "Ancient Asteroids", otherwise it will be omitted.

[http://users.uoa.gr/~kgaze/research\\_asteroids\\_en.html](http://users.uoa.gr/~kgaze/research_asteroids_en.html)