# How to attract Jupiter observers to contribute to science?



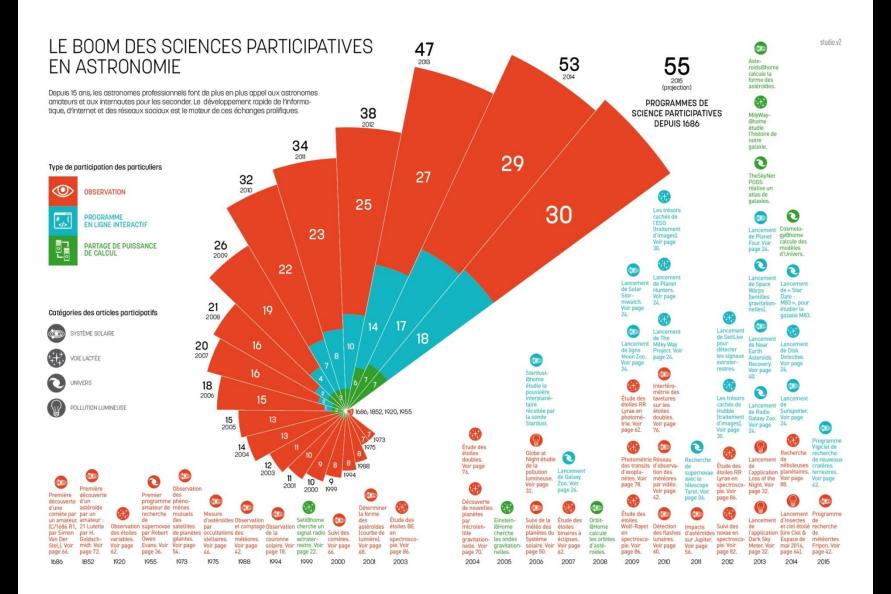




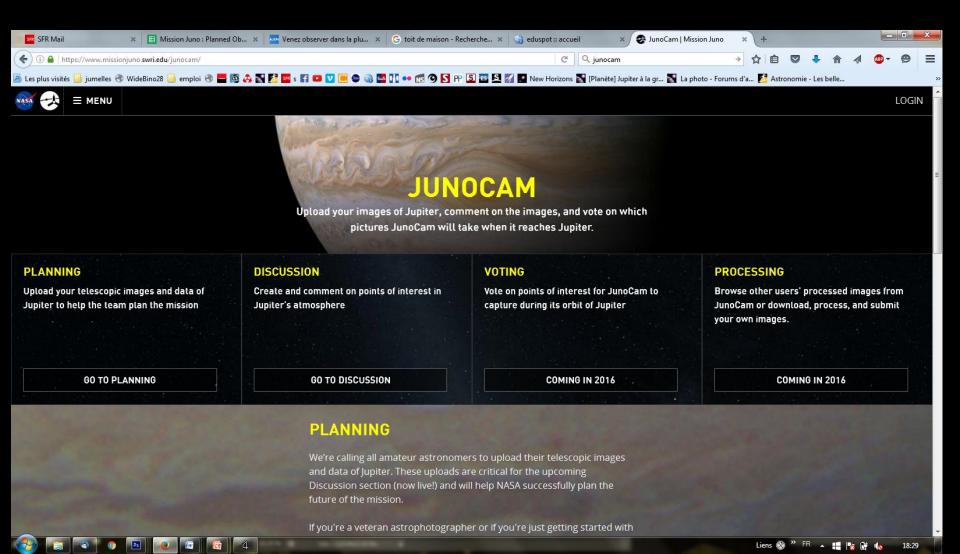
Station de Planétologie des Pyrénées

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#### We start to realy have a lot of citizen science projects



### Junocam is the best initiative to promote pro-am collaborations.



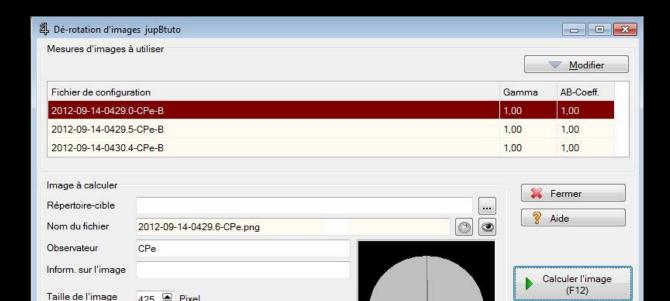
We have 1 world wide forum that is Facebook, it may become a place where amateur can talk and exchange some informations with pro.



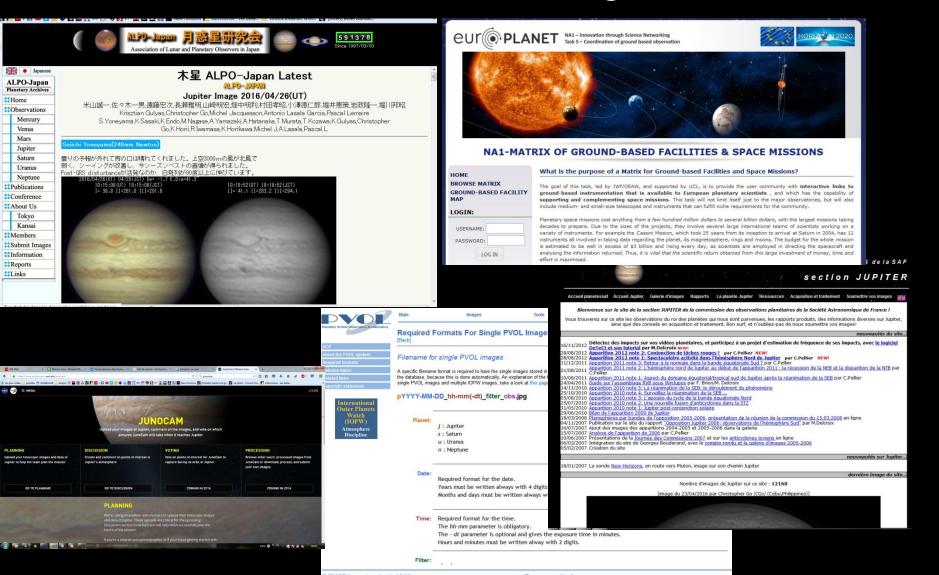
# We should define a standard to share our images

- N-S Orientation
- File name

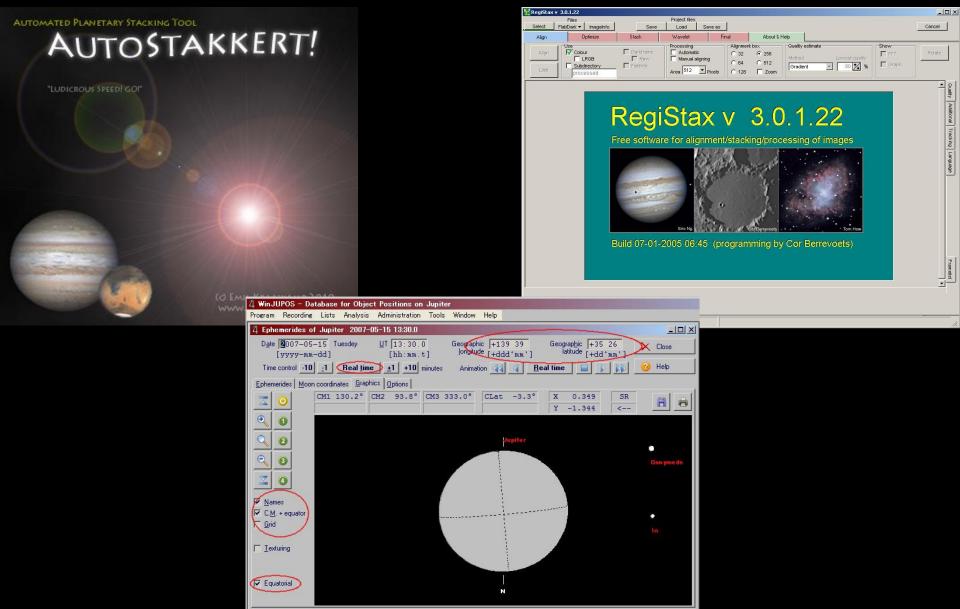
May be the winjupos standard?



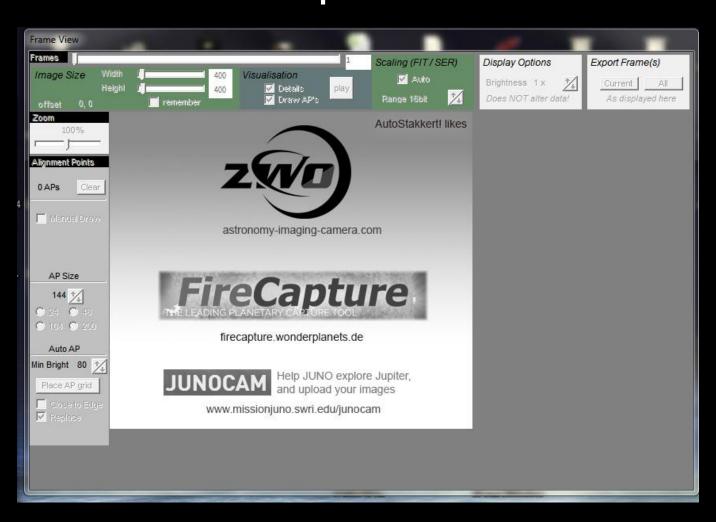
## Having a unique and common data base. Or connect them all together



If professionals look for planetary amateurs, you will find most of them in these places:

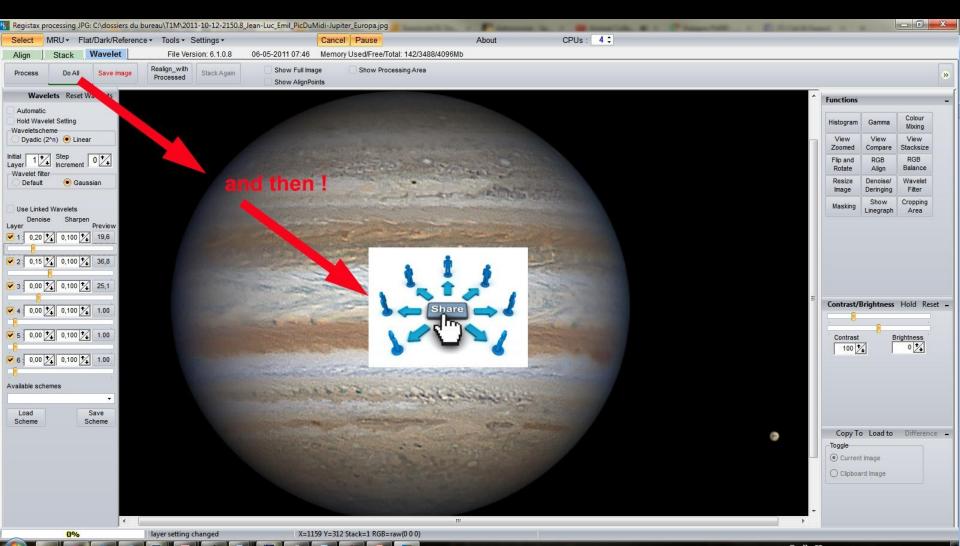


## Emil Kraaikamp encourage people to help Juno

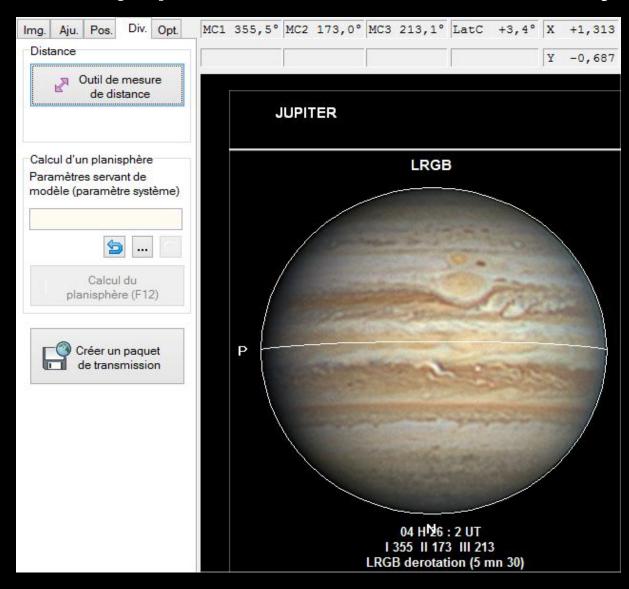




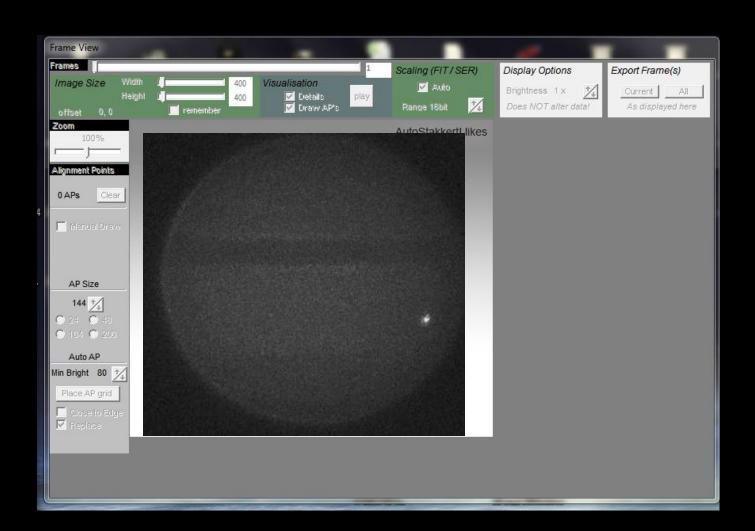
It's Chrismas. Dear developers, would it be possible to add the « Do all & Share » function?



#### In fact Winjupos now have already it!

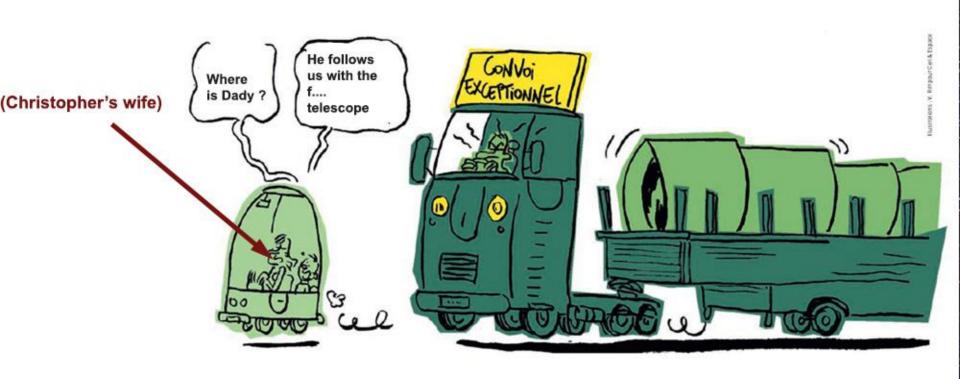


And of course a « DeTect » function for flashes would be great. And may be a button to share the reports with Marc Delcroix even when if it's negative for the statistics



# Amateurs have 3 major difficulities

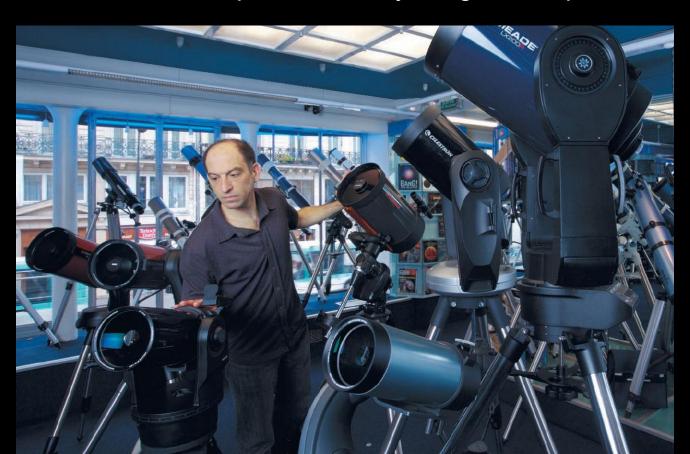
1st: wife hapiness: The now famous Go factor



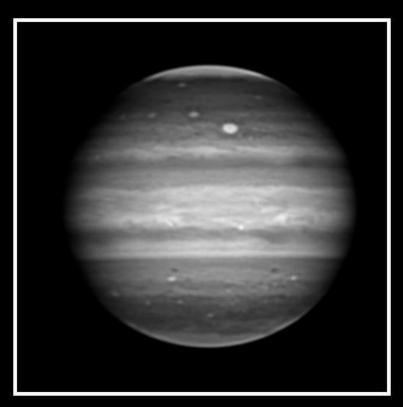
#### 2<sup>nd</sup>: Cameras gets more and more efficient and cheap



.... but it's still expensive to buy a big telescope



# 3rd: but for most of the observers the main difficulty is not the Go factor but the quality of the sky.

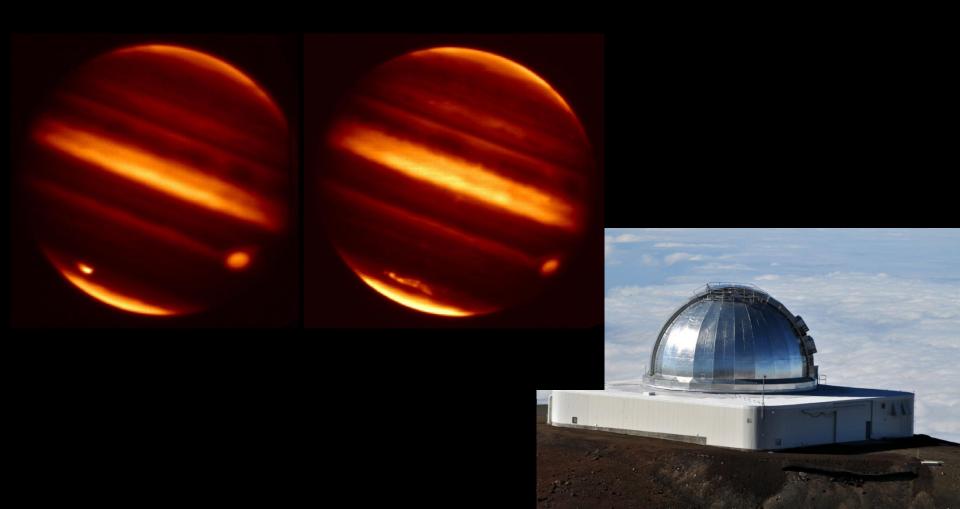




JUPITER 2013 / 12 / 13 1 H 39 TU PIC DU MIDI OBSERVATORY 1 METER TELESCOPE Many telescopes are dedicated to observe monitor the sun every day of the year. Why don't we have the same for the rest of the solar system ??

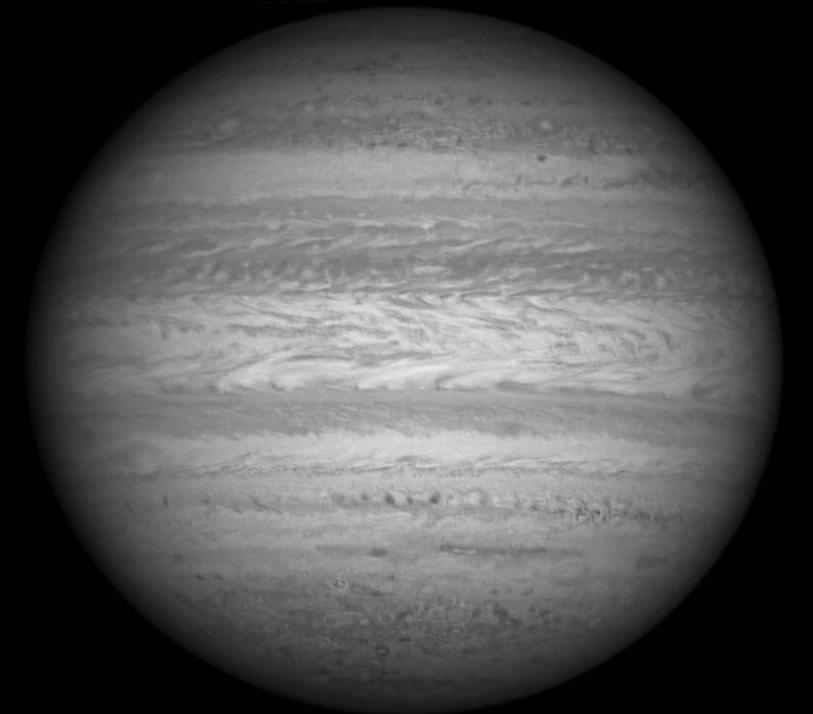


## IRTF is one of the only telescopes dedicated to observe planetes



It would be intersting to make an inventory of the astronomical sites available with to observe with a good seeing.









T<sub>1</sub>M

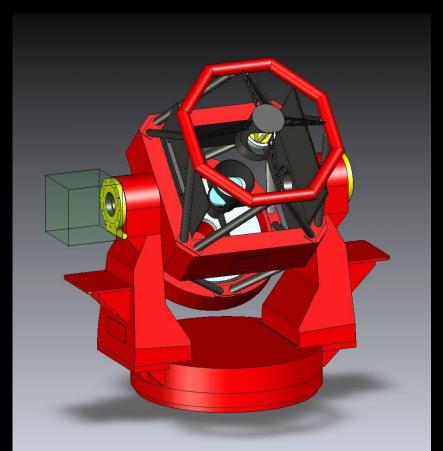
**WINJUPOS** 





Since it's still Christmass: Dear professionals, would it be possible to desing a remote telescope dedicated to planetary observations in a place with very good seeing like Chile? A 1 to 2 meter class telescope would be perfect.

Founds may come from various space programs (?)



Option II: 5 to 6
356 to 600 mm class remote telescopes



## In fact Father Christmass does really exist! He is from Bilbao, not Lapland

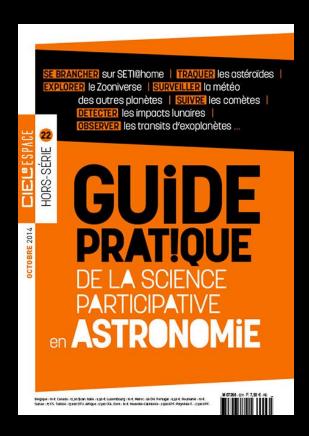


#### Sevral project are already planed



All of us, we contribute to promote the pro-am collaborations.

What I use to say is that we can help most of the spacecraft in the solar system: Venus, Mars, Jupiter, 67P, Saturn, and even Pluto!



### Thank you!

