



**Planetary and Solar System  
Sciences  
Business meeting  
EGU 2013 General Assembly,  
Wednesday 10 April, Room Y1  
12:15-13:15**



## *AGENDA*

Report

Office members

Medals/awards & other events

The Future

*Athena Coustenis*

*Iannis Dandouras and Agustin Chicarro*



- **EGU 2013 has Total of 448 ‘unique’ sessions in 24 Programme Groups with ~13,300 [/EGU2013= -1.4%] abstracts**
- **New EGU President : Guenter Bloeschl**
- **Vienna is our future venue**

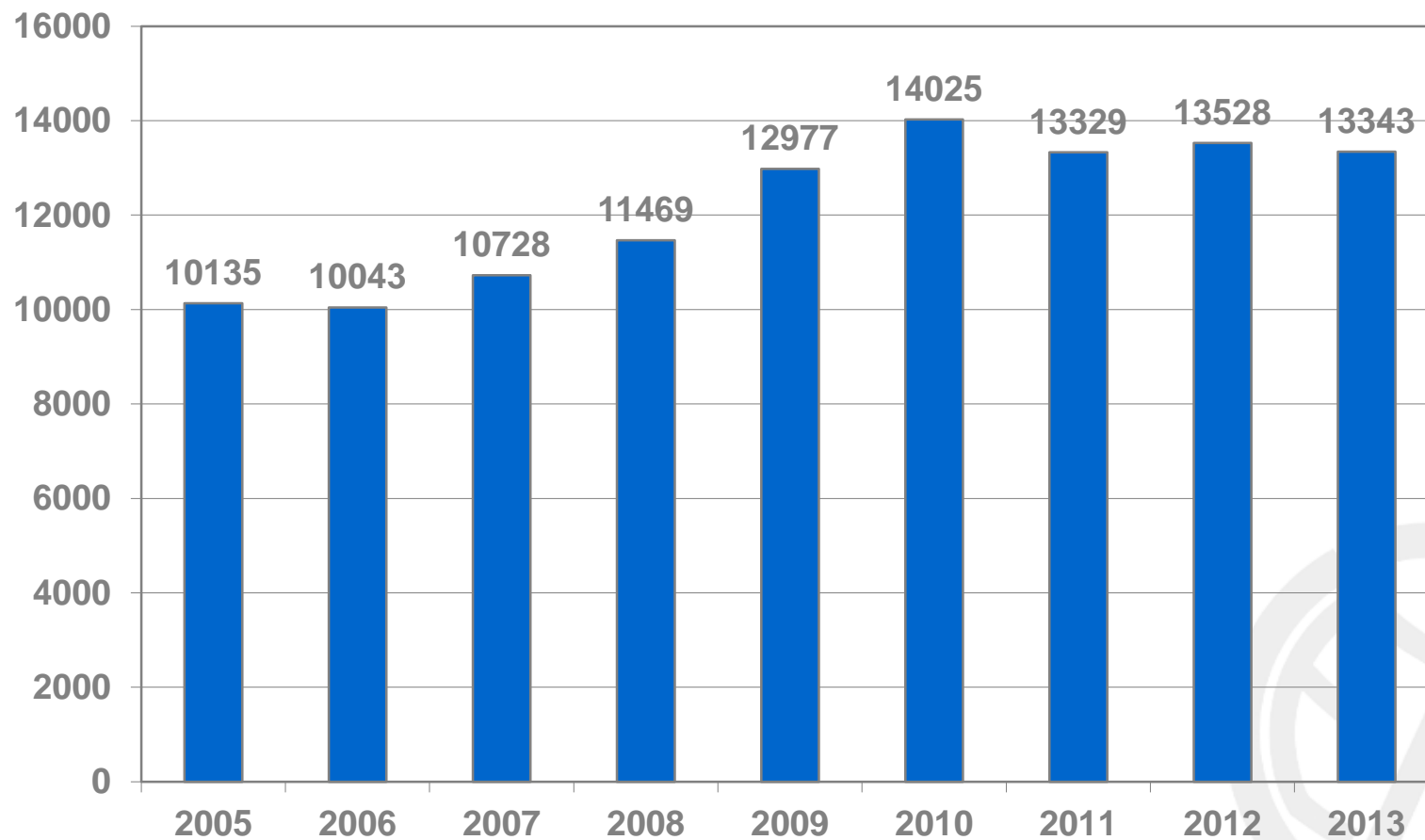
### **EGU General Assembly 2013 Facts**

As of 04 April, the Assembly 2013 provides:

- 13,343 Papers in Programme | -1.4% (2012)
- 4,684 Orals | 8,207 Posters | 452 PICOs | Ratio 35 / 62 / 3
- 448 unique scientific Sessions | 96 PSD Sessions | 143 Side Events\*
- 9,876 Registrations in Advance (thereof 8,631 already paid) | +13.0% (2012)

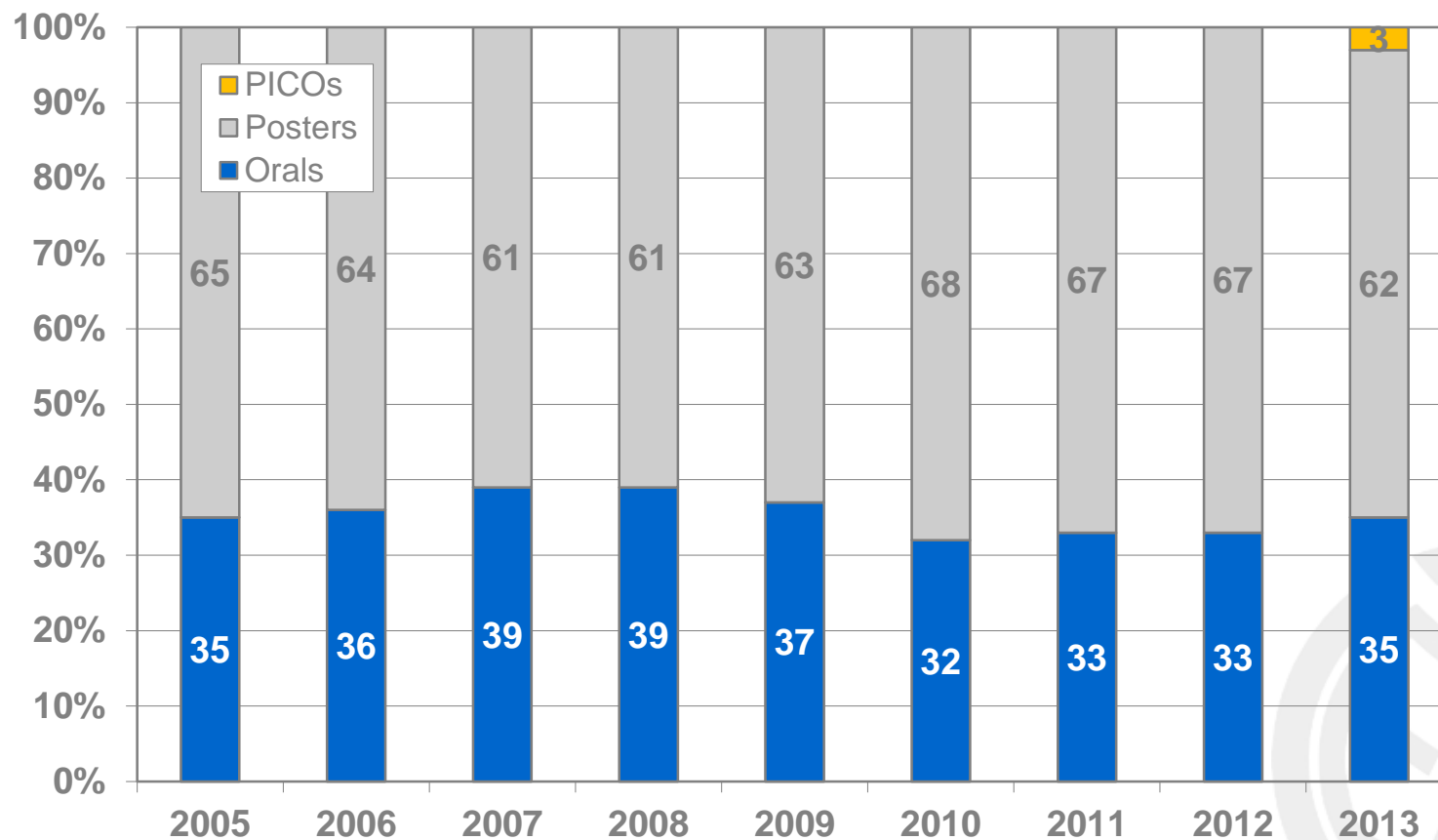


## Papers in Programme 2005–2013



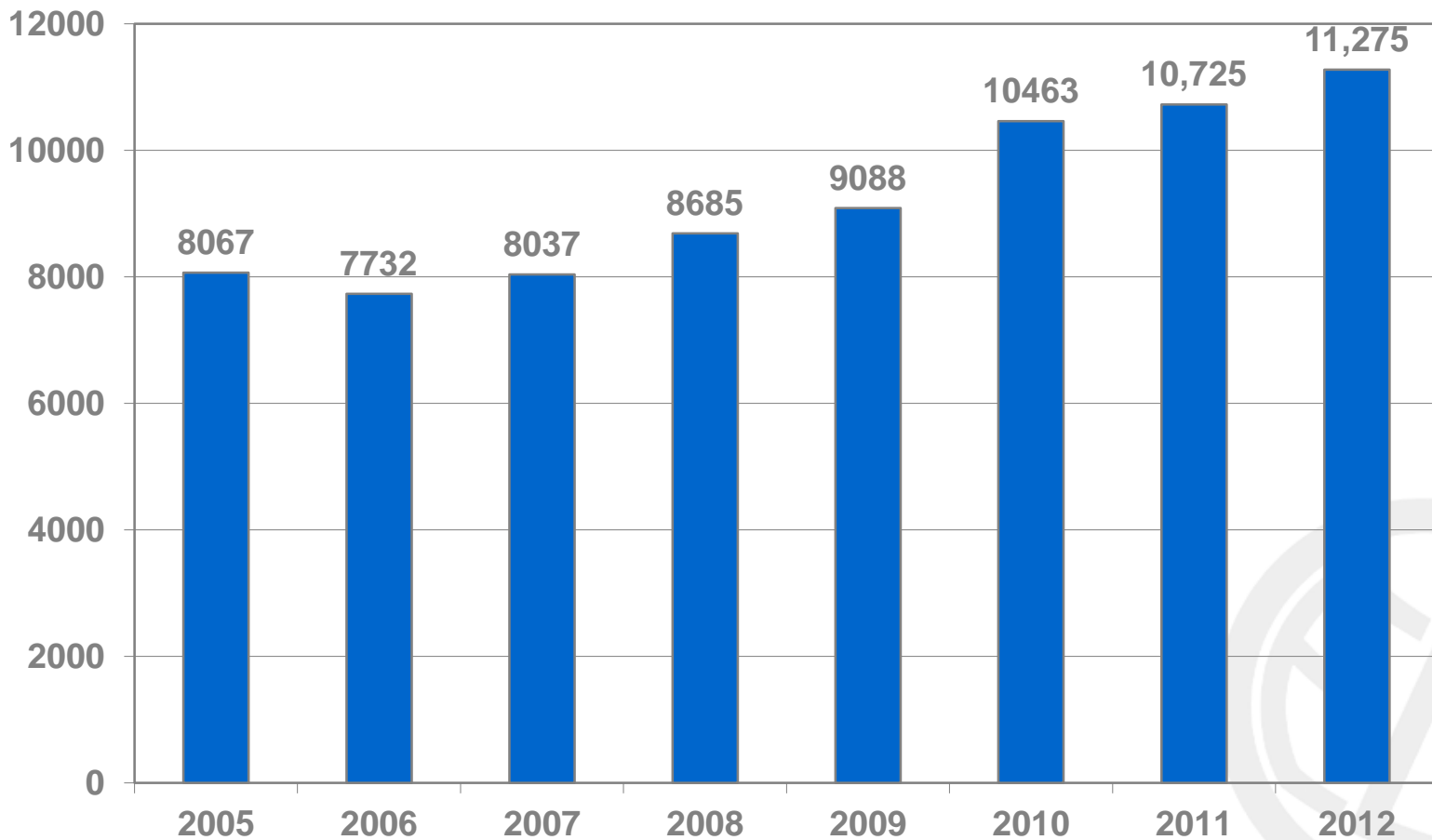


## Presentation Ratio 2005–2013





## Participants at EGU Assemblies 2005–2012

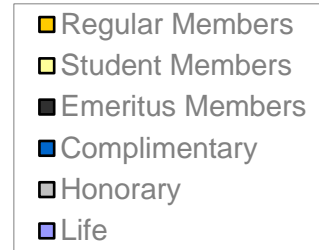
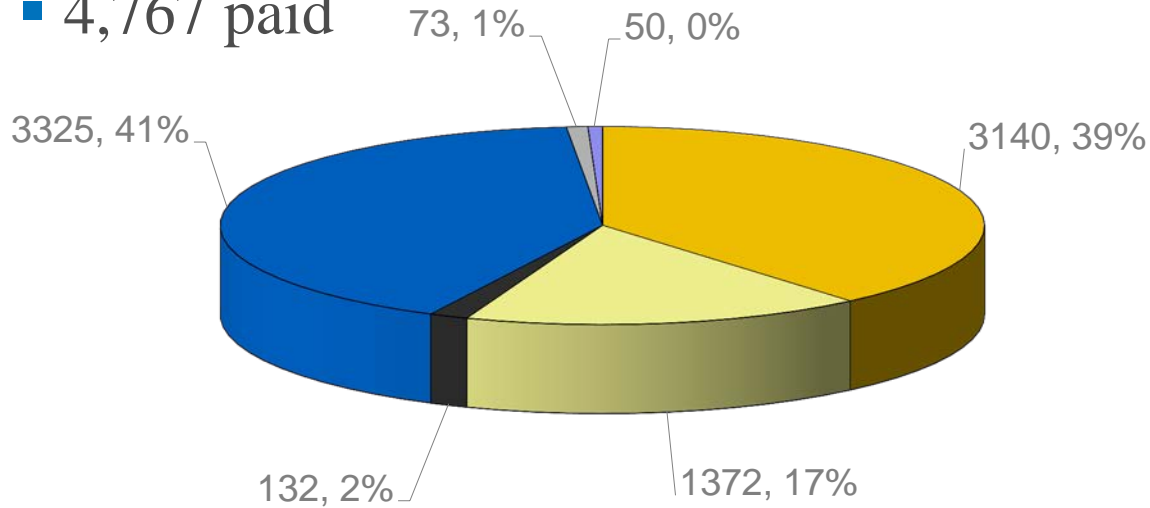




## EGU Memberships 2013

As of 04 April: 8,092 Members

- 3,325 complimentary
- 4,767 paid





- EGU/PS is **doing less well than last year**
- **22 sessions and ~520 in 2013 / (655 papers in 2012)**  
(including joint sessions, ~4% of total EGU) **(-20%)**
- PS is still in top ten of 26 EGU Divisions
- But pb with attendance of US and EU participants this year due to economical crisis. Many withdrawals
- oral time allocation: EGU Survey indicated a strong preference for moving OB5 from oral to posters and this is now applied. Most sessions apply 70% of posters !





### Programme Group Statistics

Scheduled	Total: 535
Status	Active: 517 (97%) Withdrawn: 18 (3%)
Granted Supports	None: 511 (96%) KRTA: 2 (0%) YSTA: 4 (1%)
Presentations	Orals: 227 (42%) Posters: 299 (56%) PICOs: 9 (2%)

[Show Statistics for all Programme Groups](#)

### Meeting Statistics

Scheduled	Total: 13,971
Status	Active: 13,295 (95%) Withdrawn: 676 (5%)
Granted Supports	None: 13,062 (98%) AGTA: 6 (0%) KRTA: 85 (1%) YSTA: 142 (1%)
Presentations	Orals: 4,673 (33%) PICOs: 452 (3%) Posters: 8,170 (58%)



# STATE OF EGU 2013 GA PROGRAMME

US2

## **Curiosity on Mars: first results - Part I**

Conveners: Nicolas Mangold, Javier Martin-Torres, and PATRICE COLL

▀ Orals / Mon, 08 Apr, 13:30–15:00 / Room Y1





- So, this year we are faced (again) with few oral blocks (OB)!
- Had only about 30 OB (after tough negotiations) to attribute to 16 PS-leading sessions (very difficult task)! And 1 Union Symposium
- Think about PSDs !
- EGU is generally applying 30% only for orals
- We have expressed concern as this is not adequate for our Division, but cannot get enough OBs to satisfy everybody and conveners should be aware that sessions with less than 20 abstracts total submitted may not be able to get any OBs
- Will have to try to make the poster sessions very exciting
- Rooms: each division gets a few rooms and has to cope with that



- Use of first and surname in programme.
- First-Author Rule.
- Young scientists (YS) identified at abstract stage (25% selected) [suggest 2 per oral TB]. The Outstanding Young Scientist Poster contest is taking place – conveners identify judges and send us the evaluations
- Meet EGU (large booth)
- Authors told in letter of schedule “12 minutes plus discussion” (vs. “15 minute talk”).
- Conveners encouraged to schedule “oral poster summaries” and “discussion” as part of their time allocation. [the new PSD sessions]



## Office 2011-2013

**President** : Athena Coustenis (outgoing)

**Vice Presidents** : Iannis Dandouras, Agustin Chicarro

### Science Secretaries

- Plasmas: H. Hopgenoorh / I. Dandouras
- Outer Planets: J-P Lebreton / G. Orton
- Dust and small bodies: R. Srama / H. Krueger
- Terrestrial Planets: R. Zeithe / O. Karatekin
- Techniques/exploration: Ch. Erd / L. Richter
- Origins: H. Lammer / F. Raulin
- Exoplanets: D. Winterhalter / J. Cho
- Modelling & experiments: J. Martin-Torres/L. Colangeli



## Medals/awards

- **2013 Jean Dominique Cassini Medal** : M-R. Bonnet

*To be :Thursday 11 April, 12:15-13:15 (Room R1) and special award ceremony on Wednesday 12, 17:30 in Room R1*

- **2013 Runcorn-Florensky medal**: T. Spohn

*Was in Session PS8.1 – Monday 8 April, 15:30 (Room Y1)*

### Medal committees for:

**The Cassini medal (ST+PS) : A. Coustenis (Chair)**

**The Bates/Runcorn/Florensky medal : Th. Encrenaz (Chair)**

**The Huygens medal : Valery Korepanov (Chair)**

**The Young Scientist medal, The OSP medal**

**For nominations : [awards.medals@egu.eu](mailto:awards.medals@egu.eu) cc Chairs, P, VP**

**We need nominations for these medals**



**Web site:** A Coustenis + X. Moussas

We have installed a new web site, look at it for changes and make suggestions (we could probably improve on PS outreach)

**Liaison officers:**

B. Foing (IAF, COSPAR)

A. Bhadwaj, A. Chicarro (AOGS)

M. Grande, A. Coustenis (EPSC, DPS)

D. Winterhalter (AGU)



## Communication Activities at the Assembly

### EGU Today

- EGU Today is a daily newsletter highlighting interesting workshops, lectures and films at GeoCinema, amongst activities at the Assembly
- Paper copies will be distributed daily and available to download

### Blogs

- GeoLog & the EGU Blog Network will be sharing great sessions, research, interviews and more throughout the Assembly
- Follow them here: [geolog.egu.eu](http://geolog.egu.eu) and [blogs.egu.eu](http://blogs.egu.eu)

### Social Media

- Sessions will be advertised on Twitter ([@EuroGeosciences](https://twitter.com/EuroGeosciences)) and Facebook ([European Geosciences Union](https://www.facebook.com/EuropeanGeosciencesUnion))
- Participants can ask questions & keep updated by following [#egu2013](https://twitter.com/egu2013)





# Newsletter/Web site

<http://www.egu.eu/inside-egu/general-structure.html>

- Office
- Meetings/sponsors
  - Workshops
  - Other major meetings, DPS, EPSC
- Reports
- Job market
- Advertisement
- Products
- Involvement of the community: calls, elections, polls

A. Coustenis with help from Univ. Of Athens has put together a new PS Web site for content and structure – Suggestions are welcome to new President



## Office 2013 onwards

**New President : Ozgur Karatekin  
Congratulations!**

Many thanks to officers and conveners for their  
great and voluntary dedicated work



## Ozgur Karatekin

EGU PS Division President 2013-2015.

Royal Observatory of Belgium

3, Avenue Circulaire 1180, Brussels, Belgium

- EGU PS Science secretary for Terrestrial Planets 2009-2013
- Research topics: Planetary evolution, rotation, tides, surface atmosphere interactions.



## Office 2013-2015

**President** : Ozgur Karatekin

**Vice President** : Iannis Dandouras

**Continue the same PS structure :**

- Solar System Exploration and Techniques
- Terrestrial Planets
- Outer planets
- Small bodies and dust
- Plasmas and magnetospheres
- Exoplanets
- Modelling and experimental work in Planetology
- Origins and Astrobiology



## Office 2013-2015

**President** : Ozgur Karatekin

**Vice Presidents** : Iannis Dandouras

### Science Secretaries

- Solar System Exploration and Techniques: Stephan Ulamec & David Mimoun
- Terrestrial Planets: Ruth Ziethe & W. J. Markiewicz.
- Outer planets: Jean-Pierre Lebreton & Athena Courtenis
- Small bodies and dust: Ralf Srama & Harald Krueger
- Plasmas and magnetospheres: Nick Achilleos & Pierre Garnier
- Exoplanets: Daniel Winterhalter & James Cho
- Modelling and experimental work in Planetology: Javier Martin-Torres & Luigi Colangeli
- Origins and Astrobiology: Jesus Martinez-Frias & François Raulin



# Programme for next year

- We had less than 500 papers (after withdrawals) in 22 sessions in 2013 (including joint sessions). We had started out with more and had to merge several.
- Try to plan ahead, avoid small sessions.
- Invite more special sessions
- Consider Press conferences



# EGU Press Conferences

- Latest results from the Curiosity Mars Rover (Monday, 8 April, 11:00)
- Impacts of climate change (Monday, 8 April, 16:00)
- Consequences of nuclear accidents: Fukushima and Europe (Tuesday, 9 April, 12:00)
- The Russian meteor and near-Earth objects (Tuesday, 9 April, 14:00)
- Can we undo climate warming? (Wednesday, 10 April, 10:00)
- Thunderstorms and terrestrial gamma-ray flashes (Wednesday, 10 April, 11:00)
- Climate, water, soils: how do they affect human health? (Wednesday, 10 April, 12:00)
- Disaster risk management (Wednesday, 10 April, 14:00)
- Precursors: the search for alternative earthquake prediction methods (Thursday, 11 April, 11:00)
- Air quality and urban air pollution (Thursday, 11 April, 12:15)

In 2013, 2 out of the 10 EGU press conferences were on PS led topics.



### MEDIA COVERAGE from Latest results from the Curiosity Mars Rover

- <http://www.bbc.co.uk/news/science-environment-22063337>
- <http://www.planetary.org/blogs/casey-dreier/2013/20130408-curiosity-detects-atmospheric-loss.html>
- <http://www.redorbit.com/news/space/1112818005/mars-atmosphere-thinning-curiosity-040813/>
- <http://spacefellowship.com/news/art33141/remaining-martian-atmosphere-still-dynamic.html>
- <http://www.space.com/20560-mars-atmosphere-lost-curiosity-rover.html>
- <http://www.usatoday.com/story/tech/sciencefair/2013/04/08/mars-atmosphere-argon/2064883/>
- <http://www.scienceworldreport.com/articles/6109/20130408/mars-atmosphere-gradually-lost-space-curiosity-rover-data-shows.htm>
- <http://www.sciencerecorder.com/news/nasas-curiosity-discovers-mars-once-had-an-atmosphere/>
- [http://cosmiclog.nbcnews.com/\\_news/2013/04/08/17658891-readings-from-nasas-curiosity-rover-show-how-mars-is-losing-its-air?chromedomain=science&lite](http://cosmiclog.nbcnews.com/_news/2013/04/08/17658891-readings-from-nasas-curiosity-rover-show-how-mars-is-losing-its-air?chromedomain=science&lite)
- <http://www.astronews.ru/cgi-bin/mng.cgi?page=news&news=3702>
- <http://www.universetoday.com/101325/more-evidence-that-mars-lost-its-atmosphere/>
- <http://www.latinopost.com/articles/16173/20130408/researchers-find-evidence-mars-used-much-thicker-atmosphere.htm>
- [http://www.marsdaily.com/reports/Remaining\\_Martian\\_Atmosphere\\_Still\\_Dynamic\\_999.html](http://www.marsdaily.com/reports/Remaining_Martian_Atmosphere_Still_Dynamic_999.html)
- <http://www.astronews.com/news/artikel/2013/04/1304-011.shtml>
- <http://www.zazoom.it/blog/post.asp?id=16476>
- <http://www.foxnews.com/science/2013/04/09/most-mars-atmosphere-is-lost-in-space/>
- <http://www.frenchtribune.com/teneur/1317300-mars-its-way-become-cold-and-dry-planet-nasa>
- <http://www.spectroscopynow.com/details/news/13dee1e3035/How-Mars-is-losing-its-atmosphere.html?tzcheck=1>
- <http://www.yeniasir.com.tr/DisHaberler/2013/04/09/mars-orijinal-atmosferini-kaybetmis>
- <http://www.infuture.ru/article/8530>
- <http://news.yahoo.com/most-mars-atmosphere-lost-space-105030414.html>
- <http://techno.okezone.com/read/2013/04/09/56/788540/curiosity-temukan-mars-pernah-kehilangan-atmosfer>
- <http://www.latimes.com/news/science/sciencenow/la-sci-sn-curiosity-vanished-atmosphere-mars-argon-20130409,0,7776086.story?track=rss>
- <http://www.examiner.com/article/mars-found-to-missing-evidence-of-an-atmosphere>
- <http://breathecast.christianpost.com/articles/mars-used-much-thicker-atmosphere-according-recent-6992/>
- <http://www.dailymail.co.uk/sciencetech/article-2306330/Curiosity-sniffs-Martian-atmosphere--finds-leaked-space.html?ito=feeds-newsxml>
- <http://nord-news.ru/news/2013/04/10/?newsid=46850>





# How can we improve?

- Large sessions to have more OB.
- Posters : more attractive sessions – next year we will not be able to have even the OBs of this year ! Please think about interesting posters / poster presentations
- PICO



# PICO PRESENTATION

- PICO (Presenting Interactive COntent) presentations are organized for the first time in EGU 2013.
- PICO is bringing the advantages of both, oral and poster, together into an interactive presentation.
- PICO presentation might be a Power Point one, a movie, an animation, or simply a PDF.
- The PICO session starts with all authors presenting the essence of their work with 2 slides in 2 minutes. Then the interactive presentations take place by an unlimited number of slides going more into detail.
- Authors are asked to prepare one presentation file
- Check out: PS 6.1 Thu, 11 Apr, 15:30–17:00 / Room PICO Spot 4A.



# Programme for next year

- Science coordinators to ensure focus and completeness of sessions in their themes
- Set up session proposals well before call (we finalize the program in October 2013!)
- Conveners : do not invite too many oral talks, leave room for contributions



## To do

- Propose special issue for PSS from your session or combination of sessions like :
  - Terrestrial planets (O. Karatekin, et al)
  - Outer planets systems (A. Coustenis, et al)
- Get report on current sessions from conveners
- Go see the posters and be active!
- Send ideas on Geocinema, Education/Outreach
- Participate and represent PS within EGU

# Participation of PS in Meetings

- EGU Assemblies
  - **2014-2019 = Vienna**
- Topical conferences
- Workshops
- Summer schools
- EGU  
support: <http://www.egu.eu/meetings/support-request/>
- Other major meetings: EPSC, DPS, AOGS, IAMAS/IUGG, IAF, COSPAR



**EPSC 2013 Meeting  
in London, UK**

Abstract deadline : 6 May 2013

<http://meetings.copernicus.org/epsc2013/>

# Public contact/Outreach

- The contact of a Division with the public is, first of all, via its web site including news items, adverts, vacancies, product placements etc.
- Direct mailing and open-calls for candidates and suggestions can be distributed.
- Open forums and the open business meetings once-a-year at our General Assemblies complement the possibilities to contact the public.
- Finally, there is the EGU Newsletter and the EGU Media platform to distribute Division news amongst the scientific community and the national and international media.

**Any special sessions to suggest?**

Need our own EOS session for 2014 ?



# Outstanding Student Poster (OSP) Award

Title	AttendanceTime	PosterBoard	Session	SessionTitle
Temporal variation of Mercury's sodium density	Monday, 08 Apr 2013 17:00	R63	PS2.1	Mercury
Verification of a thermal simulation tool for moving objects on the lunar surface	Friday, 12 Apr 2013 08:30	R60	PS2.3	Lunar Science and Exploration
Global Energetic Neutral Atom Map of the Lunar Surface	Friday, 12 Apr 2013 08:30	R61	PS2.3	Lunar Science and Exploration
MEMS-based gradiometer for the complete characterization of Martian magnetic environment	Wednesday, 10 Apr 2013 17:00	R48	PS2.4	Mars Science and Exploration
A latitude-based correction for the Martian harmonic pressure model	Thursday, 11 Apr 2013 17:00	R4	PS2.6	Atmospheres of Terrestrial Planets
New mapping of Radlandi basin and detailed analysis of its inner plains	Friday, 12 Apr 2013 13:30	R67	PS2.7	Volcanism, tectonics, impacts and erosion
Negative ion densities in the deep ionosphere of Titan	Thursday, 11 Apr 2013 17:00	R9	PS3.1	Outer planets, icy satellites and rings
Compaction and possible differentiation of asteroid 21 Lutetia	Thursday, 11 Apr 2013 17:00	R40	PS4.1	Comets, asteroids and dust
Solar Wind Slowdown Due to Dust Pickup during Interplanetary Field Enhancements	Thursday, 11 Apr 2013 17:00	R50	PS4.1	Comets, asteroids and dust
The effect of solar wind parameters on proton backscattering from the Moon: Chandrayaan-1/SARA	Tuesday, 09 Apr 2013 17:00	R65	PS5.1/ST7.2	Planetary Plasma Physics, including the Moon
Hybrid simulations of Venus' ionospheric magnetization states	Tuesday, 09 Apr 2013 17:00	R67	PS5.1/ST7.2	Planetary Plasma Physics, including the Moon
Photoemission from glass dust grains: First results	Tuesday, 09 Apr 2013 17:00	R83	PS7.1	Experimental and theoretical simulations
Sputtering of glass dust grains	Tuesday, 09 Apr 2013 17:00	R84	PS7.1	Experimental and theoretical simulations
Numerical Calculation of a Dust Grain Equilibrium Potential in the Lunar Environment	Tuesday, 09 Apr 2013 17:00	R86	PS7.1	Experimental and theoretical simulations
Pressure broadening coefficients of HO <sub>2</sub> for CO <sub>2</sub> and Ar at 625.66GHz for Martian atmosphere	Tuesday, 09 Apr 2013 17:00	R90	PS7.1	Experimental and theoretical simulations
Production of nitrogen oxides by lightning in a methane-rich early atmosphere	Tuesday, 09 Apr 2013 17:00	R101	PS8.1	Planetary Evolution and Life (in the Solar System)
The dependence of peak electron density on solar irradiance in the ionosphere of Mars	Wednesday, 10 Apr 2013 17:00	R95	PS9.1/ST7.1	Space Weather in the inner heliosphere

- Please distribute the evaluation form to the judges
- Make sure that they return this form to the in-box at the EGU Help Desk (ground floor) during the meeting or directly to me: (Ozgur.Karatekin@oma.be) before the end of the week





**NEW SESSIONS ???**

**OTHER MATTERS?**