



ASTRONOMERS WITHOUT BORDERS

ONE PEOPLE ★ ONE SKY



Meteors without Borders

- a global campaign

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Astronomers Without Borders (AWB)

Astronomers Without Borders fosters understanding and goodwill across national and cultural boundaries by creating relationships through the universal appeal of astronomy.

Astronomers Without Borders projects promote sharing. Sharing resources. Sharing knowledge. Sharing inspiration. All through a common interest in something basic and universal. Sharing the sky.

*“Boundaries vanish when
we look skyward”*

“One People, One Sky”



AWB Projects:

- **Global Astronomy Month (GAM)**
- The World At Night (TWAN)
- One Star At a Time
- Remote Observing Project
- Sharing Telescopes And Resources (STAR)
- Astropoetry Blog
- Living Legend Series
- The Moon and Culture
- Seasons without Borders
- Beauty without Borders
- Eclipses without Borders
- ***Meteors without Borders***



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Global Astronomy Month (GAM):



- 40+ global programs
- ~90 countries
- 2.3 million web hits
- 149,758 (+) views on social media





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“GAM has everything”





Meteors Without Borders: *Overview*

- major meteor showers
- public outreach efforts
- class room activities
- photography
- astropoetry
- astro-art
- socialmedia usage





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Meteors Without Borders: *Activities*

Lunar Impact Craters
Making



Image credit: Peggy Webb Winter, Heather Renz



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Meteors Without Borders: *Activities*



Image credit: Hays Cummins



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Meteors Without Borders: *Photography*



Perseid 2010, USA



Geminid 2010, Philippines



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Meteors Without Borders: *Photography*



The World At Night
(TWAN)



Wally
Pacholka



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Meteors Without Borders: *Photography*



Image credit: Babak A. Tafreshi



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Meteors Without Borders: *Photography*



Image credit: Wally Pacholka



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Meteors Without Borders: *Photography*



Image credit: Babak A. Tafreshi



Meteors Without Borders: Astropoetry

Meteorite Hunting

*Can you imagine my delight
When I found a meteorite?
A beautiful celestial stone
To call my very own!*

*So shiny, black and bright,
Falling from the starry night.*

But:

*Does it have a fusion crust?
Does it react to a magnet's touch?*

*Please: meditate and pause,
And reflect upon my cause;
For this stone I loved so strong
Turned out to be a meteorwrong.....*

by Bernadette Foley (Ireland)

A Perseid

*Slamming into the atmosphere
In a slap-smacking belly flop
A tiny grain of meteoroid sand
Dives through space
Vaporizing
Lighting the sky until
It slips into the water
of dark night.*

- by Joan Chamberlin (USA)



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Meteors Without Borders: *Astro-art*



*The Universe skips
shiny tinys
off the Earth's bubble.*

- by Deirdre Kelleghan



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Meteors Without Borders: Social Media



Create a wave of awareness



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Meteors Without Borders: *Social Media*

#lyrids2010

#perseids2010

#geminids2010

#lyrids2011

#meteorwatch



#meteorwatch sydney australia 10

#meteorwatch colombo srilanka 4



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Meteors Without Borders: *Participation*

National Nodes – 40 countries

Affiliates – dozens of groups around the world

Members – 100's of members around the world





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Meteors Without Borders: *Events*

past events:



Lyrids 2010

Perseids 2010

Geminids 2010

Lyrids 2011

future events:



Lyrids 2012

Persieds 2012

Orionids 2012

Leonids 2012

Geminids 2012



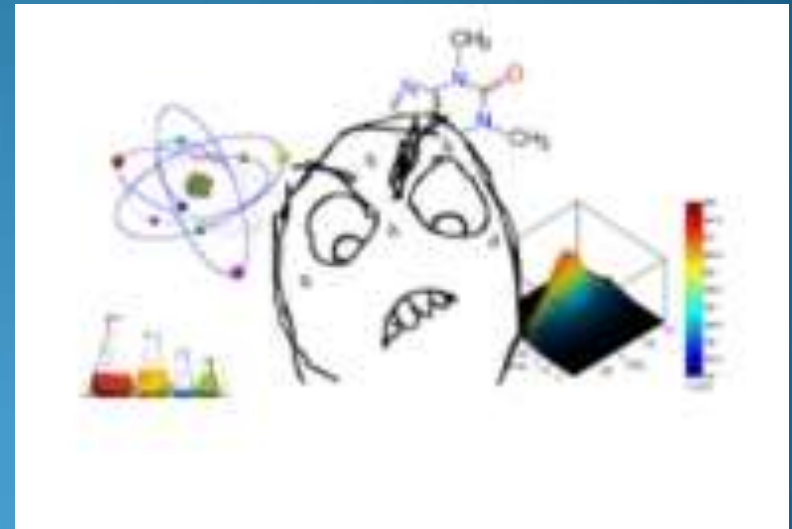
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Meteors Without Borders: *Future...*

- Simple data reporting form IMO





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Meteors Without Borders: *Future...*

- Meteor related activities – suggestions





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Meteors Without Borders: *Future...*

- Simple data reporting form IMO
- Mobile application
- Meteor related activities – suggestions



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Thank you!

Thilina Heenatigala

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<http://www.astronomerswithoutborders.org/>