IAU Office for Astronomy Outreach



Sze-leung CHEUNG 張師良 チャン シー リュン International Outreach Coordinator, IAU OAO

















DET INTERNATIONALE ASTRONOMIÅR



ALÞJÓÐLEGT ÁR STJÖRNUFRÆÐINNAR



ASTRONOMIA



Международный год астрономии



ASTRONOMIYA



MWAKA WA KIMATAIFA WA **ASTRONOMIA**



МЕЂУНАРОДНА ГОДИНА **АСТРОНОМИЈЕ**



ASTRONOMÍA



ΠΑΓΚΟΣΜΙΟ ΕΤΟΣ ΑΣΤΡΟΝΟΜΙΑΣ

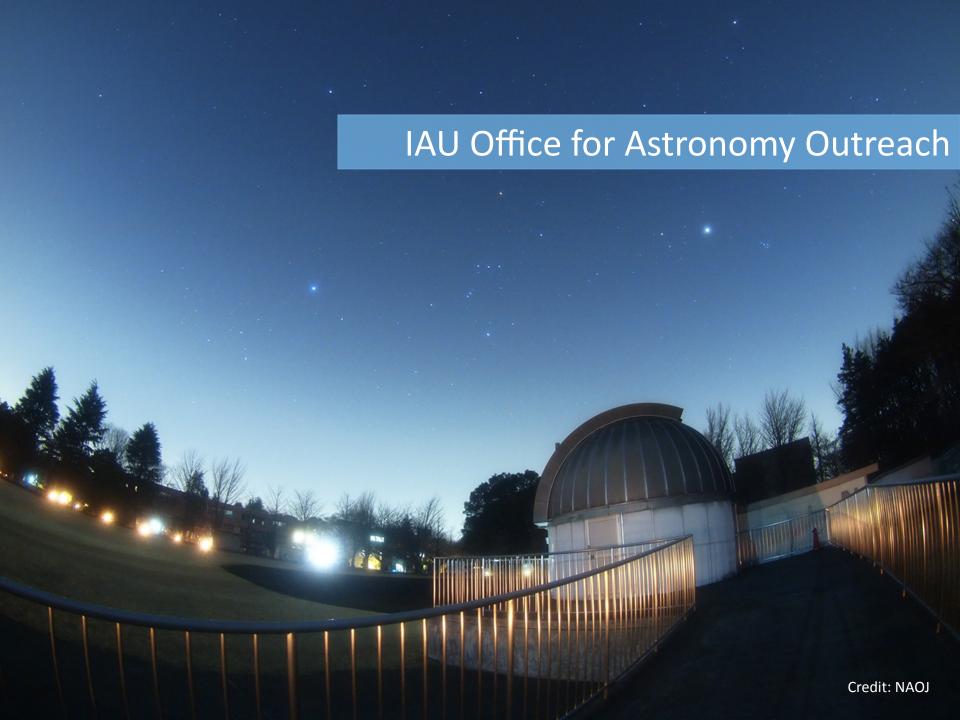


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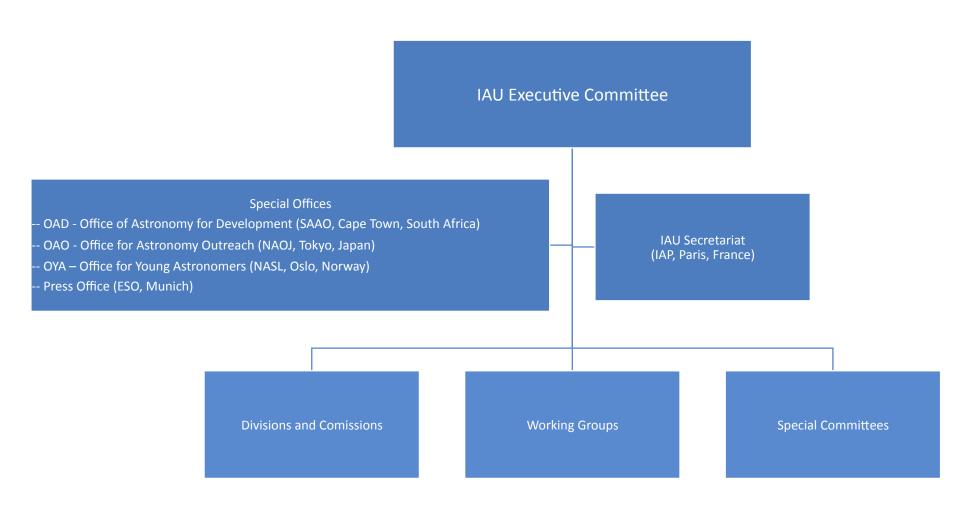
MEĐUNARODNA ASTRONOMSKA GODINA 2009 2009 2009 2009







Administration of the International Astronomical Union (IAU)



Mission

- hub for coordinating public outreach activities around the world
- To make it easier for the public to access information about our Universe
- local and global astronomy events
- building networks to support and disseminate information to the amateur astronomy and public outreach communities



International Astronomical Union Office for Astronomy Outreach

www.iau.org/public



Implement special Global **Projects**



Coordinate with **National Contacts**



Network with Global **Stakeholders**



Maintain the **Database of** Organizations



Distribute Astronomy Information and News -



Communicate Astronmoy with the public



Answer **Public Enquiries**



Manage Social Media



Promote **Global Activities**

outreach@iau.org



Hosts















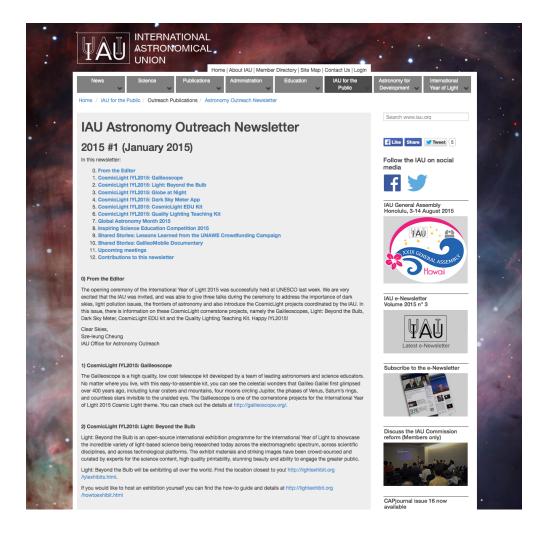
OAO Strategy 2014-2015

Since the OAO was still at the beginning of its setting up stage, therefore the OAO was focused on set up the infrastructure by

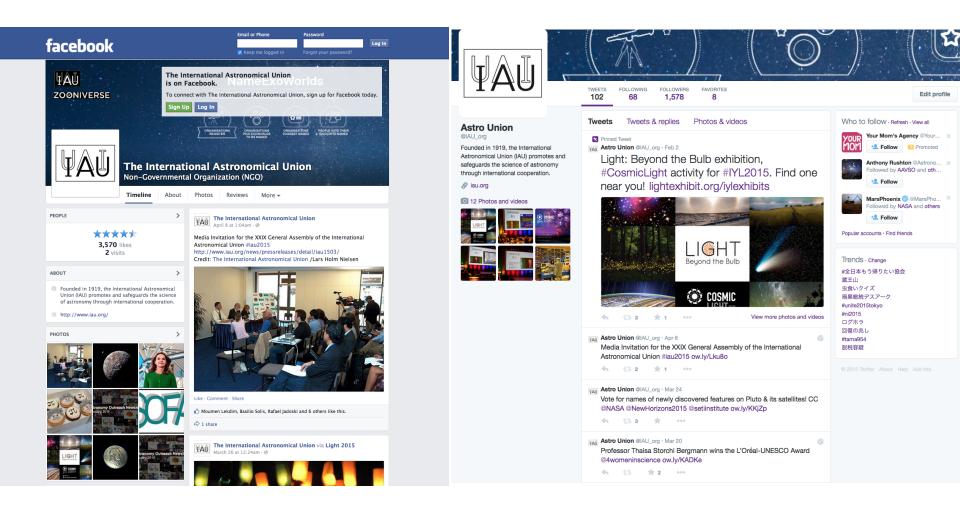
- expanding the office, increasing human resources
- synergizing with NAOJ to create the OAO's working environment and support
- constructing the platform for global astronomical organizations and events
- reactivating the national outreach network
- connecting the amateur astronomers and public through the global NameExoWorlds and IYL CosmicLight projects
- networking with international stakeholders, in particular in the Asia-Pacific region
- visiting the funding agencies to strengthen the partnership
- producing newsletter and communications products

OAO Communications

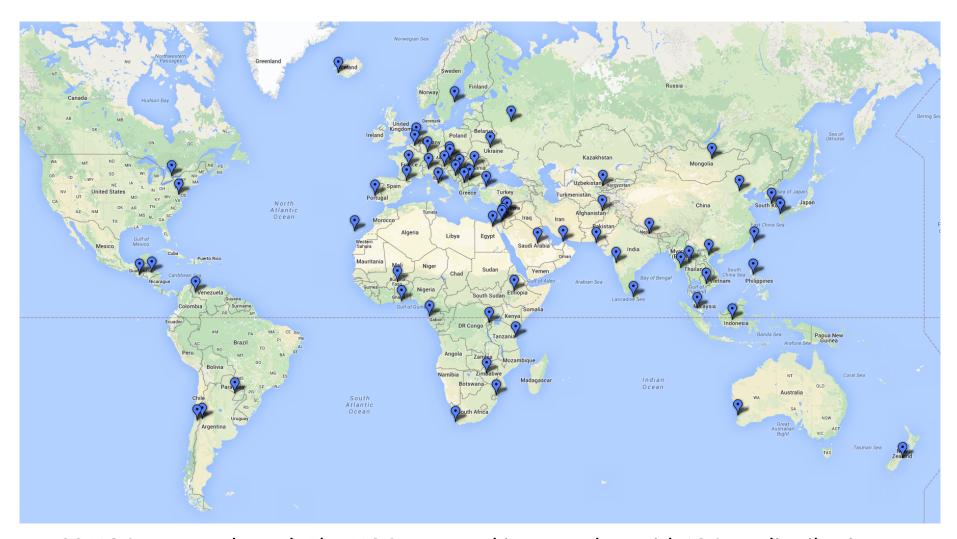
1. Produce astronomy outreach newsletter to circulate latest astronomy outreach events, updates for the International Year of Light, NameExoWorlds contest, highlights from some large-scale regional projects and inspiring outreach activities. The mailing list contain 4000 subscribers.



- facebook.com/InternationalAstronomicalUnion
- @IAU_org



National Outreach Contacts

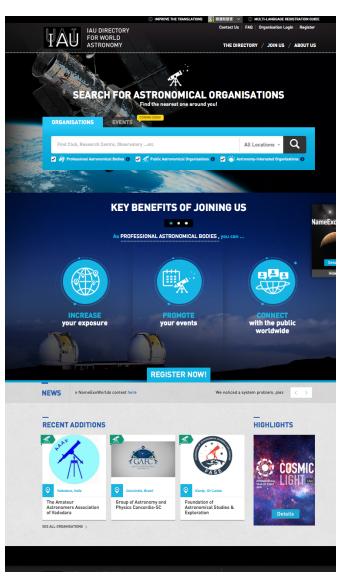


66 NOCs were selected. The NOCs are working together with IOC on distributing news at national level and support OAOs' work.



The IAU Directory of World Astronomy

- to connect the international astronomical community
- develop and maintain a database of international astronomy outreach and amateur networks associations
- platform for astronomical organizations for joining the NameExoWorlds contest
- The first phase of the homepage (<u>http://directory.iau.org</u>) was launched at October 2014
- 2nd phase: global astronomical events calendar system
- astronomical facilities database



















Astro Arena



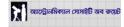






Astronomisk Ungdom















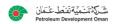






.astronomy































































LIBERTYER











































UNIVERSIDAD SERGIO ARBOLEDA











PORTAL_V VESOLJE









ΕΤΑΙΡΕΙΑ ΑΣΤΡΟΝΟΜΙΑΣ ΚΑΙ ΔΙΑΣΤΗΜΑΤΟΣ

Mueller Planetarium



Science







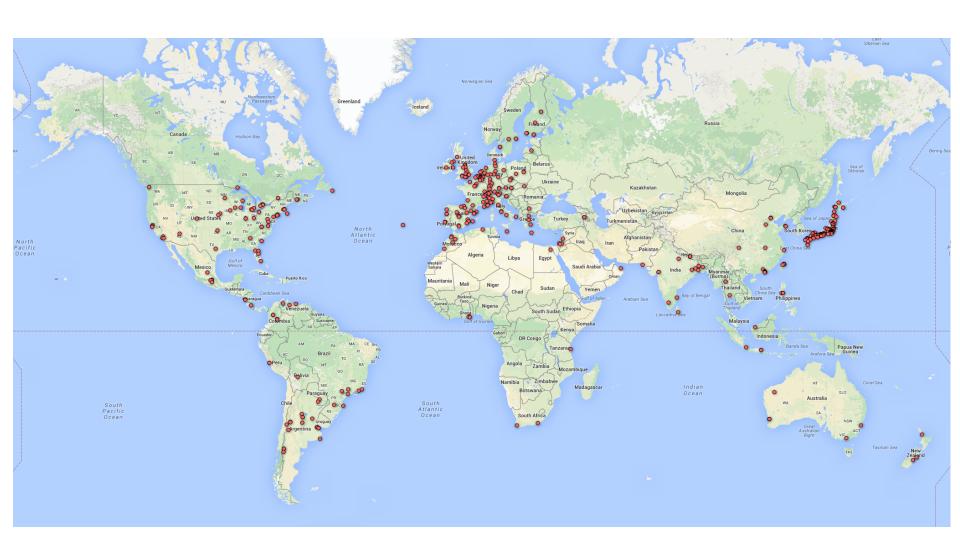












463 organisations from 64 countries has registered in the website





Contact Us | FAQ | Organisation Login | Register

THE DIRECTORY / EVENTS / JOIN US / RESOURCES / ABOUT US

Home / Events

EVENTS



NSN Telecon: Astronomers without Borders



Organizer | Ho Koon Nature Education cum Astronomical centre

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EVENT INFORMATION

Event Date Nov 10, 2014 · 7:00 PM [UTC+08:00] Beijing, Chongqing, Hong Kong, Urumqi **Event Organiser** Ho Koon Nature Education cum Astronomical centre (co-organisers: Student Astronomy Club, HKUSTSU)

Event Location 101 Route Twisk, Tsuen Wan, Hong Kong Tsuen Wan, Hong Kong, China

National Target audiences (geographically) (Hong Kong)

Target audiences students, teachers

Target audiences 19-25, 26-35 (age)

Website http://www.hokoon.edu.hk/

Languages Chinese

Free of charge











Research, Education, Astronomy activities, Society

→ Report a problem





Around PSR 1257+12 are the first three exoplanets found orbiting a neutron star.

NameExoVorlas

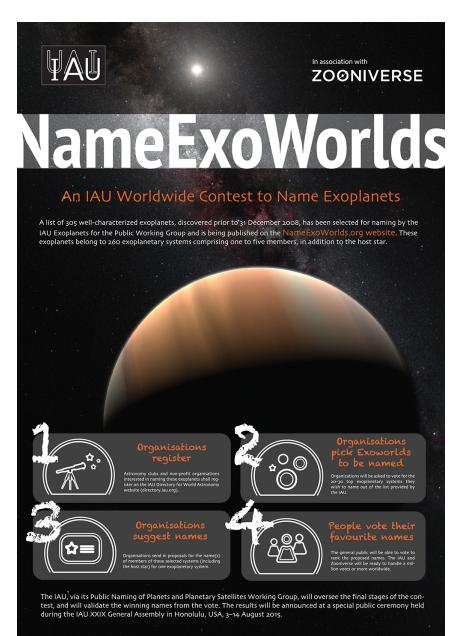
An IAU Worldwide Contest to Name Exoplanets













lota Draconis b gamma Cephel b Fomalhaut b beta Geminorum b 14 Andromedae b 14 Herculis b 16 Cygni B b 18 Delphinis b 10 Cygni B b 18 Delphinis b 19 Cygni B b 18 Delphinis b 18 D

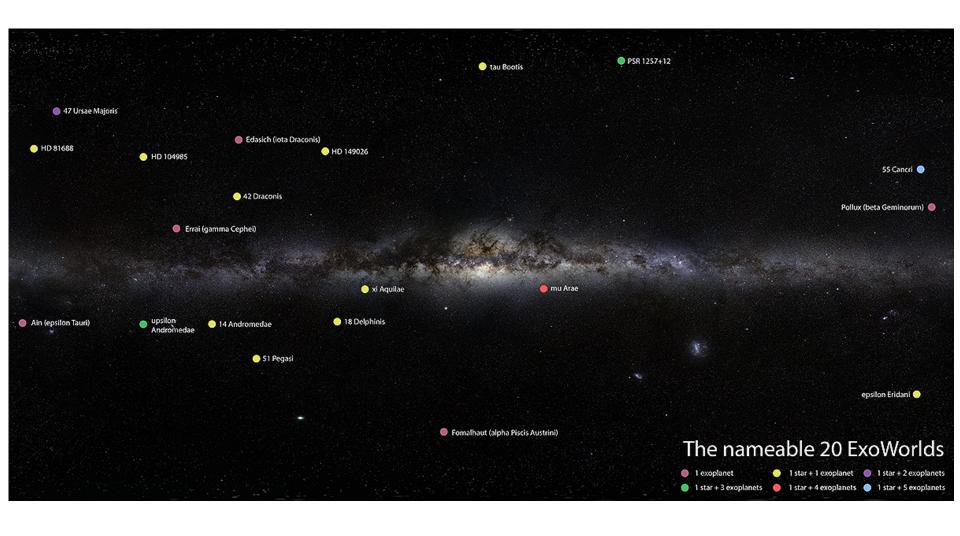
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Office for Astronomy Dutreach

Do you want to name an exoplanet? Tell your school or International Astronomical Union

astronomical-related organisations to register in the contest

Andromedae b upsilon Andromedae upsilon Andromedae d mu Arae b mu Arae c mu Arae d mu Arae e 55 Cancri b 55 Cancri



Vote Now

Instructions

1. No registration is required.

2. Each device (computer or smartphone) can vote once and only once for each of the 20 systems.

3. No change is allowed after the vote.

4. For only rare cases, if multiple users on a single machine wish to vote, please file a special request using this form (in English).

5. All spam will be removed. 6. Deadline of the vote is Oct 31, 2015 23:59 UTC.

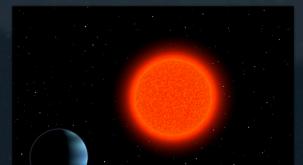
20 nameable systems

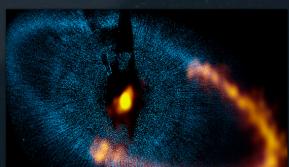


Number of planets	1
Constellation (English)	the Bull
Host Star Visibility	Visible to the naked eye
Host Star V magnitude	3.5



Number of planets	1
Constellation (English)	the Dragon
Host Star Visibility	Visible to the naked eye
Host Star V magnitude	3.3











































































光年







IYL2015 Cosmic Light Theme

- communication hub for Cosmic Light
- produce communication products like logos, video, postcard, poster and translated them into different languages
- logo in 13 languages, and video in 15 languages

















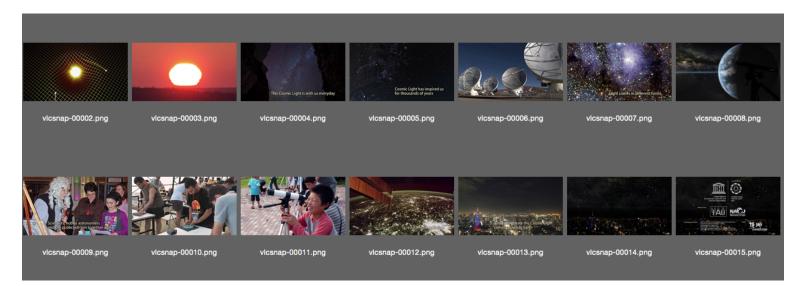




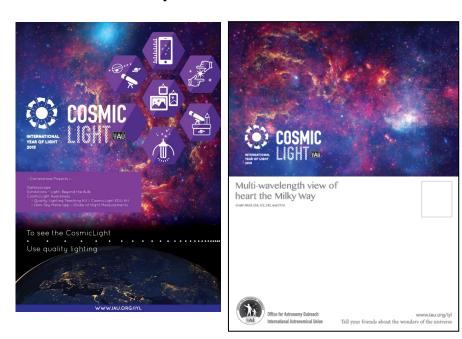






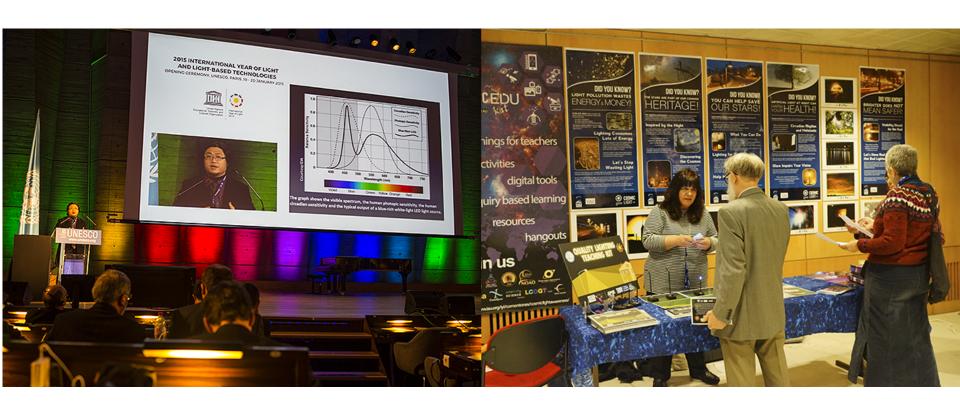


3000 posters were mailed to 100 countries





- coordinate with different IYL projects in particular with the cornerstones to promote the projects
- published regular IYL2015 news on outreach newsletter and social media
- worked with the IDA Education committee to share resources about light pollution with the public



Plan for 2015-2016

Year 2015 is the International Year of Light, and OAO will focus on coordinating and promoting the activities. For the remaining quarter of the year, OAO will focus on the setting up the translation network to attack the language barrier problem. Below are a list of OAO plan for 2015-16:

- Promote the CosmicLight IYL2015 events, and address on the global light pollution problem
- Publish the 2nd phase of the IAU Directory of World Astronomy with global event calendar function
- Create the Astronomy Translation Network of helpers to solve the language barrier problem.
- Expand the National Outreach Contacts (NOCs) network and enhance the communications
- Streamline the workflow with NAOJ and ESO (IAU Press Office)
- Set up the internship program at OAO and provide 2 internship positions for graphics design and IT.
- Publish more often on IAU social media and homepage
- Synergize with OAD, in particular with the regional nodes, to address to the developing region.
- Make visits to the countries prioritized by the number of astronomers (e.g. US, UK) and by popularization (e.g. India, Indonesia)

Div C involvement

- General networking through OAO
- Channels back to OAO
- C1 the educators network
- C2 -- CAP conference
- C3&C4 outreach on astronomy history and heritage
- Connect OAO with amateurs, educators, communicators



Communicating Astronomy with the Public

Best practices and new trends in communicating astronomy

May 16th to 20th

Medellín, Colombia



outreach@iau.org www.iau.org/public

facebook.com/InternationalAstronomicalUnion

Twitter: @IAU_org