



NameExoWorlds 2022 Submissions

The IAU, through a collaboration between the IAU EC WG on Exoplanetary Systems Nomenclature and the IAU Office for Astronomy Outreach, invites professional astronomers, amateur astronomers, astronomy enthusiasts, teachers and students to come together and propose to name one of the 20 exoworlds (1 exoplanet +1 star).

Create a team composed of members belonging to the field of exoplanetary scientists or professional astronomers, amateur astronomers, astronomy enthusiasts, teachers and educators, and students. Pick an exoworld system among the 20 exoworlds in the list. Have the team propose a name for the exoplanet and the host star belonging to that system. Then arrange an outreach event educating the public about exoplanets (and possibly about the proposed name). Then simply submit the proposed name along with your outreach activity.

Your proposals will go through a two step process of selection: first a national panel led by the IAU National Outreach Coordinators in each country will select one final proposal for each country, along with two backup candidates, to the international final selection.

The international final selection committee composed of IAU Working Group and exoplanet discoverer will consider the candidates proposed by each country and select the best naming candidates for each exoworld system. These names will be selected based on the description and meaning behind the names provided, and the outreach activities accomplished by each teams.

The final 20 exoworlds will be announced and the associated names will be recognized by the IAU as the official name for that exoworld.

The name and photo associated with your Google Account will be recorded when you upload files and submit this form. Only the email address you enter is part of your response. ***Required**

Email * (Your email address):

I have read and understand the rules stated above *

Agree

Disagree

Contact Details

Please enter information related to the main contact person for your proposal, including:

- 1) Name (Given Name + Family Name)
- 2) Email
- 3) Country (Choose a country or a region that your proposal will be representing if selected)

Name of Contact Person (Given Name + Family Name) *

Your answer:

Email of Contact Person *

Your answer:

Country/Territory your proposal is representing *

Your answer:

Team

Please provide information about your team. We highly encourage you to form a team composed of professional astronomers, amateur astronomers, astronomy enthusiasts, teachers and educators, and students.

Exoplanetary Scientist(s)/Professional Astronomer(s)

Your answer:

Amateur Astronomer (person(s) who regularly engage in astronomy as a hobby)

Your answer:

Astronomy Enthusiasts (person(s) with interests in astronomy)

Your answer:

Educators (schoolteachers, science or astronomy outreach personnels, those who engage with education or young children, etc.)

Your answer:

Students and Young Adults

Your answer:

Size of your team (total number of people belonging to your team)

Your answer:

List all the affiliations/organizations that all the members in your group belong to

Your answer:

Outreach Event

Describe the nature of the outreach events held as part of your proposal

Type of events held (select all that apply)

Live streaming (online)

Social Media posts/activities

On-site event without engagement (public lecture/talkshow/etc.) On-site event with engagement from the public

Other:

Number of public engaged in the outreach events

Your answer

Describe your outreach initiatives in details (A maximum of 300 words)

Your answer

URL to your photos/images of your outreach event(s). Alternatively, you may attach images with the form and email them to nameexoworlds2022@oao.iau.org

Your answer

Name proposal

Naming Rules

If you are curious about the normal naming process for celestial bodies, please check out the [IAU webpage](#) dedicated exclusively to this topic. The following rules apply specifically to the NameExoWorlds 2022 edition:

- The proposed names should be of things, or places of long-standing cultural, historical, or geographical significance, worthy of being assigned to a celestial object.
- Although not necessary, the names may be drawn from themes related to the sky and astronomy, or related in some way to the constellation or a cultural asterism in which the exoplanetary system lies.
- Two (2) names should be proposed - one (1) for the exoplanet and one (1) for the star it orbits.
- **Indigenous names:** In recognition of the [United Nations Decade of Indigenous Languages \(2022 – 2032\)](#), speakers of Indigenous languages are encouraged to propose names drawn from those languages. If one of the names proposed is from an indigenous language, then (1) the team that is proposing the name should be led by and involve one or more members of the Indigenous community, and (2) the team should annex consent to use the Indigenous language by the Indigenous group representative(s) involved in the project.
- **Naming theme:** The proposed pairs of names - for the exoplanet & its star - must follow a common naming theme. The naming theme describing how the names are related in some logical way should be summarized in a sentence or two and be broad enough that additional names related to the theme could be used to name additional objects in that system in the future. For example, the 2019 IAU NameExoWorlds campaign [adopted](#) the names Ceibo and Ibirapitá for the star HD 63454 and its exoplanet HD 63454b, respectively, with the system theme being "culturally significant species of trees native to Uruguay".
- **Description & Presentation:** Proposers are encouraged to make a presentation in their own languages (video of a maximum of 3 minutes), accompanied by a written description in English (with a maximum of 300 words).
- **Format:** Proposed names should be provided in the Latin alphabet, and have an initial capitalized letter (following [IAU Style Manual](#)). If the original name contains diacritics or comes from a language using another alphabet or writing system, these names should be provided in Unicode UTF-8 where possible.

In addition, the following types of proposed names are to be excluded for this naming campaign:

- Names of real people, living or dead, or things or places named wholly or partly for people, should be excluded.
- Names already used (or rather "in use") for specific celestial objects (adopted by the IAU or not) in a given language, are to be excluded (for example, the Wergaia name for Gacrux is Bunya). A list of IAU names of celestial objects is maintained at [this link](#).
- Contrived (new, invented) names and portmanteaus (blends of parts of multiple words) are excluded. Exception: Multi-word names may be combined in some cases (e.g., "Lionrock" was adopted for HD 212771 in NameExoWorlds 2019, named for the "Lion Rock" in Hong Kong).
- Names that are principally known as trademarks or protected by intellectual property claims, or are purely or principally commercial in nature, are excluded.
- Names of things principally known for political, military or religious activities are excluded. For example nations, states, battles, places of worship, etc.

- Names that include numbers or punctuation marks (unless culturally appropriate) are excluded.
- Names of organizations related to the selection are excluded.
- Names of pet animals are excluded.
- Acronyms are excluded.

The selected public names will be recognized by the IAU as the appropriate publically used names.

- It is understood that the selected public names will not replace the scientific alphanumeric designations.
- The proposed names will be published as such, along with due credit to those that proposed them.
- This public name may be used internationally along with, or instead of, the scientific designation, permanently and without restrictions.

Which exoworld would your team like to propose a name to? *

Note: We strongly recommend that each team select a system for their naming proposal. Opting for a generic submission may put your proposal at a disadvantage.

Star GJ 1214 & Exoplanet GJ 1214b

Star GJ 3470 & Exoplanet GJ 3470b

Star GJ 367 & Exoplanet GJ 367b

Star GJ 436 & Exoplanet GJ 436b

Star GJ 486 & Exoplanet GJ 486b

Star HAT-P-12 & Exoplanet HAT-P-12b

Star HAT-P-26 & Exoplanet HAT-P-26b

Star HATS-72 & Exoplanet HATS-72b

Star HD 95086 & Exoplanet HD 95086b

Star HIP 65426 & Exoplanet HIP 65426b

Star LHS 3844 & Exoplanet LHS 3844b

Star LTT 9779 & Exoplanet LTT 9779b

Star L 168-9 & Exoplanet L 168-9b

Star WASP-121 & Exoplanet WASP-121b Star

WASP-166 & Exoplanet WASP-166b Star

WASP-19 & Exoplanet WASP-19b

Star WASP-43 & Exoplanet WASP-43b

Star WASP-63 & Exoplanet WASP-63b

Star WASP-69 & Exoplanet WASP-69b

Star WD 0806-661 & Exoplanet WD 0806-661 B

I would like to propose a generic submission not tied to any of the systems listed above

Name of the host star in the exoworld system (Using only Latin alphabets)

Your answer

Name of the planetary body in the exoworld system (Using only Latin alphabets) *

Your answer

What is the language of the proposed name? *

Your answer

Describe the naming theme under which the name of the proposed exoplanet & its star fall under. The theme should be summarized in a sentence or two, and broad enough that additional names related to the theme could be used to name additional objects in that system in the future. *

Your answer

Write a detailed description in English (a maximum of 300 words) the meaning behind your naming proposal *

Your answer

URL to your video presentation of your proposed name. Alternatively, you may attach video with the form and email them to nameexoworlds2022@oao.iau.org

Your answer