



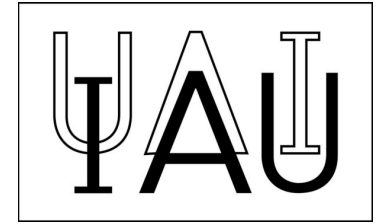
The IAU Office of Astronomy for Education

Markus Pössel

2nd Shaw-IAU Workshop

6–9 October 2020

IAU Structure



IAU Executive Committee
(President, General Secretary etc.)

Self-organisation of astronomers

9 Divisions consisting of
35 Commissions with
40-50 Working Groups (mostly temporary)

Of particular interest to us:

Division C: Education, Outreach and Heritage
(President: Susana Deustua)

**Commission C1: Astronomy Education
and Development**
(President: Paulo Bretones)

IAU Offices



since 1/2020



<https://www.iau.org>

IAU Office of Astronomy for Education



The mission of the International Astronomical Union is to promote and safe-guard astronomy in all its aspects (including research, communication, education and development) through international cooperation.

IAU Strategic Plan 2020–2030:

Goal 5

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The IAU stimulates the use of astronomy for teaching and education at school level.

https://www.iau.org/static/administration/about/strategic_plan/strategicplan-2020-2030.pdf

Fundamental question: Which actions are appropriate for the IAU, on an international level?

What we (will) do



Foster professionalization:

- **Teachers:** Access to high-quality resources, regional and international Schools for Astronomy Education, defining standards for resources and training events
- **Astronomers active in astronomy education:** Support for gaining professional knowledge in education, modern teaching methods, evaluation techniques, educational aspects of topics in astronomy and astrophysics

⇒ Establish standards, disseminate best-practice examples

What we (will) do



- Create and support infrastructure (educational material data base, astroEDU)
- Create, curate, disseminate resources
 - OAE Reviews: Quick-and-compact resources on what astronomy education practitioners need to know
 - Fundamental astronomical resources, multilingual glossary, basic images, all under CC licenses
- Promoting astronomy in national/regional curricula

So – who will be doing the work?

- Office of Astronomy Education at Haus der Astronomie, Heidelberg
- OAE Centers and OAE Nodes (more about them later in 2020)
- Network of National Astronomy Education Coordinators (NAECs)
- Collaborators – e.g. OAE Review Board members



OAE at Haus der Astronomie



Markus Pössel

Director & Deputy



Carolin Liefke



Markus Nielbock



Niall Deacon



Juan Carlos Muñoz



Natalie Fischer

Consultant



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...supported by Haus der Astronomie staff

Based at Haus der Astronomie, Heidelberg, Germany

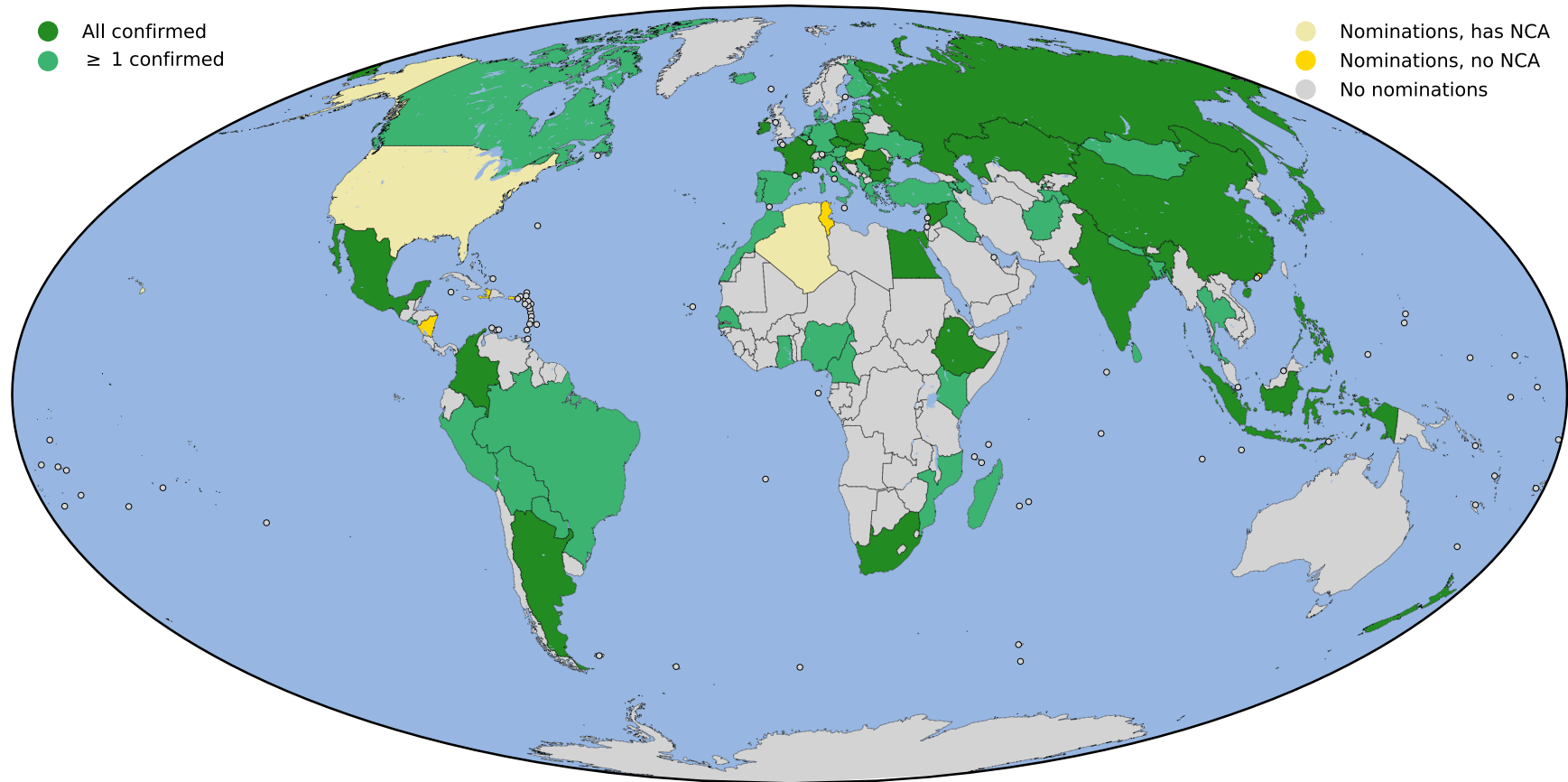


Klaus Tschira Stiftung
gemeinnützige GmbH



NAEC Teams

National Astronomy Education Coordinators



**251 confirmed,
from 77 countries**



We're all in this together!

- Making the OAE work is a joint endeavour
- The NAEC network is interactive – finding a way forward for what you need, within the larger OAE mission
- Growing together – with good will on all sides
- Making a difference, together

Thank you for your attention!

<http://www.astro4edu.org>



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