

O'Brien, A., Boubert, D., Bowman, D., Richards, F. and Maunder, M. (2021) Pandemic posters. *Astronomy and Geophysics*, 62(1), 1.19.

(doi: 10.1093/astrogeo/atab039)

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Deposited on: 3 February 2022

## **RAS Early Career Poster Exhibition Winners Announcement**

With NAM cancelled in the RAS's 200th anniversary year, the RAS wanted to give early career researchers the opportunity to share their work in a format that is freely available to all. Led by the new RAS Early Careers Network (ECN), 272 students, post-docs, graduates and young professionals uploaded digital posters in September.

Aine O'Brien, ECN Chair said 'After an awesome 2 weeks of tweets and interactions, and an intense 8 weeks of judging, we are now delighted to announce the winners and honorable mentions. The standard of posters was exceptionally high and we were amazed by the vast number of topics covered, from cubesats to education and outreach, from black holes to seismology of the Earth! We are so grateful to everyone who took the time to participate"

Douglas Boubert, RAS ECN Vice Chair said "We had entrants from 47 countries, which is the fantastic bonus of holding an online poster exhibition! We were especially pleased that 65% of our entrants were students, with 24 of them being undergraduates!"

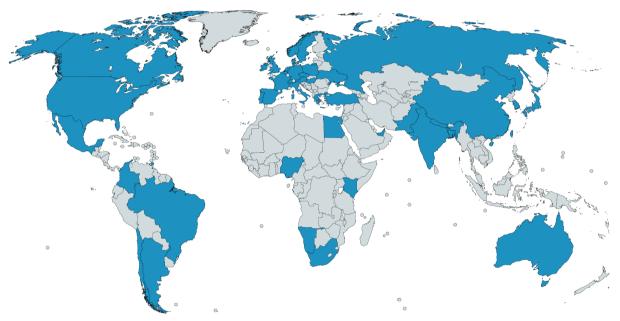


Fig.1 Map created by Douglas Boubert, ECN Vice Chair, showing all the countries participants entered the poster exhibition from. Figure created used mapchart.net

A team of over 20 senior judges spanning Astronomy and Geophysics spent eight weeks reading over the submissions and we are thrilled to announce the following five winners, (all of whom are postgraduate students):

**Shannon Jones** (Reading University, UK) – The visual Complexity of Coronal Mass Ejections

**Heidi Thiemann** (Open University, UK) - Red novae candidates: An investigation of long-period near-contact giant eclipsing binaries

**Isobel Romero-Shaw** (Monash University, Australia) - Searching for Eccentricity: signatures of dynamical formation in the first gravitational-wave transient catalogue of LIGO and Virgo **Núria Jordana-Mitjans** (Bath University, UK) - What is the role of the magnetic fields in GRBs outflows? The case of GRB 190114C

**Soheb Mandhai** (University of Leicester, UK) - Extragalactic Wanderers: Migration of Compact Binaries from Their Host Galaxies

We would also like to extend congratulations to the following runners up, whose posters also impressed the judges and therefore deserve an honorable mention:

**Nathan Adams (Oxford University, UK) –** Population Studies of Galaxies in the Early Universe

Maeve Doyle (University College Dublin, ROI) – Building Ireland's First Satellite Ezequiel Gonzalez (Recent graduate, Leanspace/ISU, France) – Atmosphere Spectroscopy of Gas Giant Exoplanets

**Mara Leite (Westminster University, UK) –** Analysis of Human-Commensal Microbes at a Mars Analogue Habitat

**Anne Buckner (Post-doc, Exeter University, UK) – INDICATE**: A novel tool to robustly study the star formation history of a cluster.

You can view the posters by heading to: <a href="https://ras.ac.uk/ras-2020-posters">https://ras.ac.uk/ras-2020-posters</a>. Hopefully this will become an annual event, so stay tuned to take part next year!