

# Call to STFC Science Board PPAN (Astronomy)

## Overview

Thank you for your interest to join the STFC Science Board (PPAN). Please read the role profile and expertise requirements for the position and provide evidence of how your expertise and experience address these criteria.

Anyone who has applied before can apply this time provided they are (i) an astronomer with the expertise as specified with in the advert, and (ii) are not based at one of the existing institutes/ departments already represented on Science Board (PPAN) as listed in the call text. Please ensure you address all the selection criteria (see 'how we will assess your application' in [call page link](#)).

For the current recruitment round we are looking for one Science Board (PPAN) member in astronomy only, specifically in galaxy formation, inter-stellar medium, millimetre and sub-millimetre observing. This will be an interesting opportunity for such an expert to contribute to key strategic discussions on a long-term prioritised PPAN Roadmap. The PPAN roadmap will set the guiderails on future investments, inform STFC's planning decisions and help optimise delivery of excellent science and impact.

## Introduction

Science Board (PPAN) will provide the Science and Technology Facilities Council (STFC) with strategic scientific advice on, and assessment of, the STFC (Particle Physics, Astronomy and Nuclear Physics) PPAN programme. This includes particle astrophysics, space science and the accelerator and computational requirements of the science programmes.

In this recruitment round, the Board is seeking members with expertise in **Astronomy**, specifically in:

galaxy formation; inter-stellar medium; millimetre and sub-millimetre observing.

We're looking for individuals at **UK-based institutions or organisations** (please see 'Who we are looking for' for eligibility exceptions) who bring a broad strategic view, providing advice and insight into STFC strategy development.

## Related information

All personal data provided to UKRI in connection to applications for membership of the STFC Advisory Bodies and Peer Review Panels via the application form (CitizenSpace) will be processed in accordance with current UK data protection legislation.

Further information on how we use personal data and how you can exercise your rights as a data subject, can be found on the UK Research and Innovation Privacy Notice ([www.ukri.org/about-us/privacy-notice/](http://www.ukri.org/about-us/privacy-notice/)).

\*By providing your information you are giving consent for STFC to its use as detailed above.

## Application form

The 'Save and come back later...' feature allows you to come back to your incomplete survey response at a later date without losing the information you've already entered as part of your response.

**Cookies must be enabled** in your web browser to use this feature, and the feature is not available for responses that have already been completed and submitted. \*NO information would be saved if the history/cookies of your web browser are deleted prior to your submission. This online form is secured, it should display 'a lock' next to the weblink.

An email from this site will be sent to you with the subject line: 'Your return code' followed by their Response ID. This email will contain a unique link that allows you to return to your incomplete response any time until the activity closes, when the link will expire.

Any questions marked with \* required asterisks are mandatory and will require these to be filled to save your incomplete application.

You will need to use 'First', 'Save and come back later...', and 'Continue' buttons in the application form rather than those on your web browser. If you use 'First' button, it will bring you to the begging of this form.

Once the form is submitted, amendments or additions cannot be made.

If you have any issues with this form, please contact [psg@stfc.ukri.org](mailto:psg@stfc.ukri.org).

**Please submit your application by 23:59 BST on 23 October 2024.**

Please note we may send you a reminder prior to the deadline if your application has not been submitted.

## Your information

Please provide your details below.

### Your details

Title *(Required)*

Name *(Required)*

Surname *(Required)*

What are your contact details?

Email *(Required)*

Preferred Contact Telephone Number *(Required)*

Your organisation

What is your organisation? *(Required)*

Current position

Please select all that apply

*(Required)*

Please select all that apply

- Associate Professor or equivalent
- CEO
- Consultant
- Dean
- Deputy Director
- Director
- Emeritus/Emerita Professor or equivalent
- Engineer
- Freelance
- Group Leader
- Lecturer or equivalent
- Postdoc
- Post-Doctoral Research Assistant or equivalent
- Professor or equivalent
- Reader or equivalent
- Research Associate
- Scientist
- Senior Lecturer or equivalent
- STFC Fellow
- UKRI Fellow
- Other (please specify below)

Other (please specify)

Please enter a comment

Which sector are you applying from?

Please indicate only those affiliations which form a substantive part of your current role.

*(Required)*

*Please select all that apply*

- Academia
- Civil Society, including charities
- Government Organisation
- Industry
- Non-Governmental Organisation
- Research Institute
- Other (please specify)

Other: please enter a comment

### Your core STFC research area

STFC cover funding for Frontier Science Programme core areas (Particle Physics, Astronomy and Nuclear Physics) PPAN programme, which includes particle astrophysics, space science and the accelerator and computational requirements of the science programmes. However, to join the STFC Science Board (PPAN) in this round we are focusing only on Astronomy and specifically in galaxy formation, inter-stellar medium, millimetre and sub-millimetre observing.

We regret that we will not be assessing applications outside of what has been specified in this call.

### Is your core STFC research area Astronomy?

*(Required)*

*Please select only one item*

- Yes (scientific areas of interest can be added in the next question)
- No (please do not apply for this round as we are only looking for a new member in Astronomy), please note choosing this option will disqualify you from this application form.

### Your expertise

Preview

Your scientific areas of research / interests (please select all that apply if applicable):

*(Required)*

*Please select all that apply*

- Accelerator physics
- Accelerators, including technology
- Artificial intelligence, including robotics
- Extra galactic / near universe
- Biology
- Blue skies technology / research
- Computational science
- Computing, including scientific / high performance / throughput computing
- Construction
- Cosmology
- Cryogenics
- Dark Matter
- Data technology / research
- Detectors, including analytical systems / R&D
- E-infrastructure
- Electronics
- Engineering / including specialist engineering
- Energy frontier
- General relativity
- Healthcare
- High energy collider physics
- Instrumentation
- Lasers, including laser-plasma interactions
- Life Science
- Material Science
- Neutrinos
- Non-accelerator physics
- Nuclear Physics
- Nuclear Theory
- Optics
- Particle Astrophysics
- Particle Physics
- Public engagement
- Quantum gravity / Classical gravity
- Scientific exploitation of facilities and projects
- Soft materials
- Solar or planetary physics
- Statistical physics
- String theory
- Theory - please specify in 'Other' box
- Theoretical astronomy
- Theoretical plasma physics
- X-ray and neutron scattering
- Quantum Technologies
- Other - please specify below

Other - please specify here

## Your expertise (continued)

This can be your skills or subject knowledge in addition to the previously indicated scientific area(s).

Please choose any that apply:

*(Required)*

*Please select all that apply*

- Career development
- Commercialisation
- Communication
- Conduction of internationally respected research in a research institution
- Economic impact
- Environmental impact
- Equality, diversity and inclusion
- Experiment
- Facilities User
- Industrial experience and collaboration
- Industry/producing impact from scientific projects
- Industrial challenge
- Industry applied research
- International collaboration
- Intellectual property management and exploitation
- International funding landscape
- Knowledge exchange
- Leadership
- Management of large/complex projects
- Management of/provision for computing resources
- Manufacturing
- Policy development
- Project Management / PMQ (APM) / Level D (IPMA) / PMP (PMI) or equivalent
- Public engagement
- Research infrastructure management
- Research support for teams in STEM area(s)
- Researcher development
- Societal impact
- Sustainability
- Technology / including technology transfer
- Translational research
- Theory (please specify below)
- Understanding of the UK and international landscape/context
- Other - please specify below

Other (please specify)

## Your personal statement

Please note the evidence provided in this section will be compared against the following criteria:

- relevant scientific or technical expertise, or both
- experience of working strategically and an ability to exercise judgement both in a core scientific field and across STFC's programmes
- involvement in conducting, leading, or directing internationally significant research in an academic or other research institution
- an understanding of national and international PPAN science contexts

\* Please include evidence of how your previously indicated expertise, subject knowledge, skills, interests, behaviours, and experiences are related to the vacancy applied for. What can you offer to this role?

We only assess the evidence you provide in this form against our criteria. Lack of evidence in your statement will result in an unsuccessful application.

Please write your statement below (maximum 500 words). You can use copy and paste function. Please note that the applications submitted without statement will NOT be considered. *(Required)*

### Additional information

This can include:

- INVOLVEMENT IN GROUPS: it is not essential to have previous experience of serving on STFC or non-STFC committee(s) / panel(s) / board(s). However, if you have, please provide details of your involvement in any relevant advisory, strategic, policy, assessment or similar panels, boards or committees.
- INDUSTRIAL EXPERIENCE / RESEARCH COMMERCIALISATION: relevant details of your interactions with industry. For example, industrial employment, industry-academia collaborations, consultancy, development of spin-out companies, or product development, etc.
- INVOLVEMENT IN EXPERIMENTS: please specify.

Please provide additional information if applicable.

(Maximum 500 words, you can use copy and paste function).

### Possible conflict(s) of interests

Any possible conflict(s) of interests should be declared. This can include an institutional or project conflict. Any possible conflict(s) of interests should be declared. This can include an institutional or project conflict. You can find out more information on why STFC needs to be informed of conflict(s) of interests from the UK Research and Innovation statement <https://www.ukri.org/about-us/how-we-are-governed/conflicts-of-interests/> <<https://www.ukri.org/about-us/how-we-are-governed/conflicts-of-interests/>> and the Conflict of Interest Policy [UKRI declarations of interest: policy and guidance – UKRI](https://www.ukri.org/publications/ukri-declarations-of-interest-policy-and-guidance/) <<https://www.ukri.org/publications/ukri-declarations-of-interest-policy-and-guidance/>>

Suitability for appointment. Please note if you successful we will contact you regarding further disclosure of conflict of interests and research integrity. More information about [Research Integrity](https://www.ukri.org/about-us/policies-standards-and-data/good-research-resource-hub/research-integrity/) <<https://www.ukri.org/about-us/policies-standards-and-data/good-research-resource-hub/research-integrity/>> , Policy and Guidelines on [the Governance of Good Research Conduct](https://www.ukri.org/about-us/policies-standards-and-data/good-research-resource-hub/) <<https://www.ukri.org/about-us/policies-standards-and-data/good-research-resource-hub/>> , and [Bullying and Harassment](https://www.ukri.org/what-we-offer/supporting-healthy-research-and-innovation-culture/bullying-and-harassment/) <<https://www.ukri.org/what-we-offer/supporting-healthy-research-and-innovation-culture/bullying-and-harassment/>> can be found on the [UKRI website](https://www.ukri.org/about-us/policies-standards-and-data/) <<https://www.ukri.org/about-us/policies-standards-and-data/>> .

Please provide brief details if you have any conflict of interests.

(Maximum 150 words)

## Early Careers

STFC want to encourage applications from early career researchers / other early career applicants. Information provided below will help to balance the diversity of the SB (PPAN). The collected information will be used for monitoring purposes.

Do you consider yourself an early career candidate?

Please select only one item

- Yes  
 No

## Advertisement and stakeholder engagement

Answering this question will help us to target our adverts better in the future. This information is collected for monitoring purposes and stakeholder engagement only and it will not be shared with the STFC Office Staff.

Where did you see the advert for these positions? (multiple choice)

Please select all that apply

- Email  
 Word of mouth / recommendation  
 Town meeting  
 STFC staff  
 From a previous / current STFC Panel Member  
 STFC National labs  
 Science / Research community  
 Event  
 Head of my organisation / department / group  
 Social media  
 Twitter  
 YouTube  
 Facebook  
 LinkedIn  
 STFC Mailing list/newsletter  
 STFC / UKRI website  
 None of the above  
 Other (please specify below)

Other (please specify here)

## Equal opportunities monitoring information

STFC is committed to equality and inclusion. We recognise that diverse ideas, experiences, background and perspectives are fundamental to successful science and innovation and we are committed to ensuring that our Committees, Panels and Boards are representative of our community.

The information you have shared in this form is processed for equal opportunities and monitoring purposes. If you are unsuccessful we will retain your information for one year from the date the call is closed. However, if you are placed in our reserve list, we will retain for the duration of the reserve (one year). We will also use your information to assess how effectively we deliver our EDI objectives and meet our public sector equality duty in particular to remove barriers and promote equality of opportunity.

Whilst it is voluntary to share this information, doing so enables us to better understand the diversity of our applicants. We need your help and co-operation to enable us to do this but filling in this form is voluntary. All data will be treated in confidence and in line with the UKRI's data protection procedures and can be found on the UK Research and Innovation Privacy Notice (<https://www.ukri.org/about-us/privacy-notice/> <<https://www.ukri.org/about-us/privacy-notice/>> ).

Only STFC designated staff who do not participate in the assessment process will see the equal opportunities information for monitoring purposes.

Please note that at the final appointment stages, where applicants are as qualified on merit, the selection panel will seek to achieve a balanced membership in terms of, for example, diversity, expertise and experience.

## Equal opportunities - age

## What is your age group?

Please select only one item

- up to 29
- 30-39
- 40-49
- 50-59
- 60+
- Prefer not to say

## Equal opportunities - ethnic group

### What is your ethnic group?

Ethnic group

Please select only one item

- Asian or Asian British - Indian
- Asian or Asian British - Pakistani
- Asian or Asian British - Bangladeshi
- Asian or Asian British - Chinese
- Asian or Asian British - Any other Asian background
- Black, Black British, Caribbean or African - African
- Black, Black British, Caribbean or African - Caribbean
- Black, Black British, Caribbean or African - Any other Black, Black British, Caribbean background
- Mixed or Multiple ethnic groups - White and Black Caribbean
- Mixed or Multiple ethnic groups - White and Black African
- Mixed or Multiple ethnic groups - White and Asian
- Mixed or Multiple ethnic groups - Any other Mixed or Multiple background
- Other ethnic group - Arab
- Other ethnic group - Any other ethnic group
- White - English, Welsh, Scottish, Northern Irish, British
- White - Irish
- White - Gypsy or Irish Traveller
- White - Roma
- White - Any other White background
- Prefer not to say

## Equal opportunities - sex

### What is your sex?

Please select only one item

- Female
- Male
- Prefer not to say

## Equal opportunities - sexual orientation

Terminology:

'Bisexual is an umbrella term used to describe a romantic and/or sexual orientation towards more than one gender. Bisexual people may describe themselves using one or more of a wide variety of terms, including, but not limited to, bisexual, pan, queer, and some other non-monosexual and non-monoromantic identities.'



Which of the following best describes your sexual orientation?

Please select only one item

- Straight/Heterosexual
- Gay or Lesbian
- Bisexual
- Prefer not to say
- Prefer to self-describe

Prefer to self-describe

### Equal Opportunities - disability

The Equality Act 2010 considers a person disabled if they have a physical or mental impairment or disability that has lasted, or is likely to last, at least 12 months which has a substantial and long-term adverse effect on their ability to carry out normal day-to-day activities – examples include: a specific learning difficulty e.g. dyslexia, being blind/partially sighted, being deaf/having a hearing impairment, being a wheelchair user/having mobility difficulties, having mental health difficulties, having an autistic spectrum disorder, having an unseen disability, e.g. diabetes, epilepsy, asthma, having multiple disabilities.

Do you consider yourself to have an impairment, health condition or learning difference that has a substantial or long-term impact on your ability to carry out day-to-day activities?

Please select only one item

- Yes
- No
- Prefer not to say

### Equal opportunities - further Information

This information will be taken in consideration and will help us to assess your application equally.

Are there any further considerations that may affect the amount or quality of evidence provided e.g. career breaks, long term illness, injury or disability, family or caring responsibilities, parental leave, working in non-academic employment, or relocation of research group? This information will be taken in consideration and will help us to assess your application equally so please let us know if you want us to draw any information to the selection panels' attention by providing the details below (200 words max.).

Please provide additional information for further consideration:

### End of application form

Please submit your application by 23:59 BST on 23 October 2024.

\*Please note we may send you a reminder prior to the deadline if your application has not been submitted.

If you have any issues, please contact [psg@stfc.ukri.org](mailto:psg@stfc.ukri.org) or [susanna.mitolo@stfc.ukri.org](mailto:susanna.mitolo@stfc.ukri.org).

All selection outcomes will be communicated to applicants in November 2024.