Domestic Visitor Program
Terms and Conditions
2024

Deadline for application: 3-9 months before the start of the proposed visit

Applications for visits not meeting the following conditions may be accepted in special circumstances with prior arrangement. Please direct questions to the Institute's Executive Officer, Kate Doyle at smri.exec@sydney.edu.au .

Conditions

(1) At the time of application, applicants must hold a PhD or equivalent degree, and must be employed by a university, institute, laboratory or other similar organisation located in Australia. If the application is successful, their employer would be expected to approve their research visit to SMRI and their entering into a research affiliation with The University of Sydney for the period of that research visit. Applicants who are not Australian citizens must hold an Australian visa of a class which would allow the research visit.

(2) Applicants should have an established program of research in the mathematical sciences (ANZSRC Division 49). See pages 3-4 of these T&Cs.

Visit details

(3) Applicants should propose a research visit to SMRI, of at least 2 weeks' duration, commencing at least 3 months and at most 9 months after the time of application.

(4) A group of, at most, 3 applicants can propose to visit SMRI at the same time in order to collaborate on a research project. In this case, each applicant must individually satisfy all of the eligibility conditions and must submit their own application, ensuring, as a group, that the applications are submitted within 2 days of each other. The same research project proposal can be attached to each.

(5) In addition to the research project proposal, applicants may propose a research-related activity such as a short workshop or symposium which they would organize to coincide with their visit to SMRI, with the assistance of SMRI staff.

Visit Host *(if applicable)*

(6) If applicants are collaborating on a project with an academic staff member of the University of Sydney, they must seek agreement from the staff member to be designated host of their proposed visit, prior to submitting the application. Hosts will be contacted to confirm their support for the visit, including any potential financial contribution, and their comments will be taken into account in assessing the benefit of the proposed visit.

Selection Criteria

(7) Successful applications will be selected by the SMRI Scientific Advisory Committee, as named on the website, and other expert colleagues as required. The selection criteria are:

- Applicant's research track record, assessed relative to opportunity (taking into account time since PhD and any research career interruptions).
- Benefits of the proposed visit, including any associated activity, for Australian research in the mathematical sciences.
- Considerations of diversity, equity and inclusion in relation to, for example, field of research within the mathematical sciences, gender of applicant and host(s), and number of years post PhD of applicant and host(s).

Applications from female and gender-diverse researchers, and from researchers belonging to other groups which are underrepresented in the mathematical sciences, are particularly encouraged.

Offer if successful

(8) If capacity at SMRI allows, successful applicants will be offered a desk at SMRI in a shared office. Applicants who are not normally based in Sydney may receive funding of up to A\$840 per week, for a maximum of 5 weeks, as a contribution towards accommodation and other local expenses during their visit. In addition, they may obtain reimbursement of one return economy airfare or equivalent amount up to a maximum of A\$500.

Note that all benefits depend on a signed agreement with The University of Sydney, identity verification, and the presentation of receipts in the case of airfare reimbursement.

Application form

(9) By submitting an application, you consent that the information may be shared with SMRI staff and Scientific Advisory Committee members as well as with the nominated host, if relevant. This information will not be used for any purpose other than the ranking and selection of applicants and the compiling of anonymised reports on the selection process. A list of successful applicants, with the dates and other details of their visits, will be posted on the Institute's website.

To apply, please complete the online application form on the [Domestic Visitor Program](#) webpage, and include the following PDF attachments:

- [Single PDF file] Up-to-date CV including current employment, date of PhD completion, details of any research career interruptions, and a full publication list.
- [Single PDF file] 1–2 page outline of your proposed research visit to SMRI meeting the above conditions, including details of the research project(s) you will work on at SMRI and any current or potential collaborators, the associated activity you will organize, and any other confirmed or potential sources of funding for the visit.

If successful, you will also be asked for a copy of passport ID page, and evidence of current visa status (for non-Australian citizens).

ANZSRC 2020 – Division 49 Mathematical Sciences

Applied mathematics:
490101 Approximation theory and asymptotic methods
490102 Biological mathematics
490103 Calculus of variations, mathematical aspects of systems theory and control theory
490104 Complex systems
490105 Dynamical systems in applications
490106 Financial mathematics
490107 Mathematical methods and special functions
490108 Operations research
490109 Theoretical and applied mechanics
490199 Applied mathematics not elsewhere classified

Mathematical physics:
490201 Algebraic structures in mathematical physics
490202 Integrable systems (classical and quantum)
490203 Mathematical aspects of classical mechanics, quantum mechanics and quantum information theory
490204 Mathematical aspects of general relativity
490205 Mathematical aspects of quantum and conformal field theory, quantum gravity and string theory
490206 Statistical mechanics, physical combinatorics and mathematical aspects of condensed matter
490299 Mathematical physics not elsewhere classified

Numerical and computational mathematics:
490301 Experimental mathematics
490302 Numerical analysis
490303 Numerical solution of differential and integral equations
490304 Optimisation
490399 Numerical and computational mathematics not elsewhere classified

Pure mathematics:

490401 Algebra and number theory
490402 Algebraic and differential geometry
490403 Category theory, K theory, homological algebra
490404 Combinatorics and discrete mathematics (excl. physical combinatorics)
490405 Group theory and generalisations
490406 Lie groups, harmonic and Fourier analysis
490407 Mathematical logic, set theory, lattices and universal algebra
490408 Operator algebras and functional analysis
490409 Ordinary differential equations, difference equations and dynamical systems
490410 Partial differential equations
490411 Real and complex functions (incl. several variables)
490412 Topology
490499 Pure mathematics not elsewhere classified

Statistics:

490501 Applied statistics
490502 Biostatistics
490503 Computational statistics
490504 Forensic evaluation, inference and statistics
490505 Large and complex data theory
490506 Probability theory
490507 Spatial statistics
490508 Statistical data science
490509 Statistical theory
490510 Stochastic analysis and modelling
490511 Time series and spatial modelling
490599 Statistics not elsewhere classified

Other mathematical sciences:

499999 Other mathematical sciences not elsewhere classified