

Call for applications for development of new SMSTC modules (November 2020)

Remit

This call is for the development of supplementary modules (8-10 lectures), which are aimed at higher-year PhD students across multiple institutions and will be delivered by video conference. The development should include module materials (notes, exercises, solutions) designed to be reused in future every couple of years. We aim to support the development of two such modules per year, at a cost of up to £8000 per module. The developer of a new module will also be expected to deliver it for the first year; this will be accounted for as part of the normal SMSTC workload model.

Application process

A call for module proposals will be issued every academic session. The first call is for modules to be delivered in 2021-22.

Proposals should be submitted by email to Dr. Sira Gratz (sira.gratz@glasgow.ac.uk) and copied to Dr David Pritchard (david.pritchard@strath.ac.uk). **The closing date for applications is 30 March 2021.** Applicants should expect an acknowledgment within a week of receipt. Applications will normally be decided within six weeks of the closing date, but at least two months should be allowed whenever possible.

Applicants should provide an outline of the proposed module (see the template available on the SMSTC website). The outline should include:

- A title and a summary of the content, similar to that provided on the web page for each of the core modules.
- A summary of the expected prior knowledge and the target audience. Note that these modules should not be targeted solely at students within a single research group; the expected audience should extend across multiple institutions.
- An indication of any external resources that would be used. We would usually expect the lecturer to produce notes, exercises and solutions, which would then be retained by SMSTC for future use, as well as delivering the module for the first year. If there is a good textbook which is widely available (preferably as a free download) then this could be substituted for notes; it might then be appropriate to reduce the fee for module development.

The application must be endorsed by the applicant's Head of School / Head of Department to confirm that they support the application and that the applicant will be given the time required to develop and deliver the module.

Once awarded, the applicant's institution should invoice SMSTC for payment. Payment will only be made to the applicant's institution. The material will be licensed for use by SMSTC in perpetuity, but otherwise all intellectual property remains with the creator and/or their institution.

If more applications are received in a given year than can be funded then preference may be given to proposals with a wider appeal and/or proposals in areas of the mathematical sciences that are under-represented in existing SMSTC provision.