

International Centre for Mathematical Sciences, Edinburgh

Visiting Fellow in Music

The International Centre for Mathematical Sciences (ICMS) is a world-leading research centre in Edinburgh belonging to the University of Edinburgh and Heriot-Watt University. It is funded primarily by the Engineering and Physical Sciences Research Council of the UK government with the goal of supporting the national mathematical community and strengthening its ties to its international counterparts.

The ICMS is seeking to appoint a Visiting Fellow in Music for a period of 3 to 6 months to commence sometime in 2022. The end goal of the fellowship is to collaborate with mathematicians to produce a creative work that will:

A. involve serious interaction between musical and mathematical ideas; and

B. serve a pedagogical function in a broad sense, whereby the general public will come to a better understanding of mathematics and mathematical thinking by way of engaging with the musical work.

A 'creative work' in this context can be construed quite broadly. Some examples include

(1) One or more musical compositions from a variety of contemporary genres (e.g., 'experimental', 'classical' or 'popular');

(2) A (series of) performance(s) that can be recorded or distributed to the public via our public engagement programme.

(3) A mixed genre work, such as a musical or a film in which music plays an essential role;

We emphasise that if you have other ideas that are consistent with A and B, they can be very far from these illustrative examples and still be given full consideration. Importantly, it is not expected that you have a previous background in mathematics. You may also propose to collaborate with a specific (group of) mathematician(s). On the other hand, you may also plan to find local collaborators within the ICMS network during the period of tenure. It is expected that the output will be widely disseminated and receive attention from mathematicians, musicians, and the general public, a process in which the ICMS will help the successful applicant.

The fellowship will pay for travel, a period of residence, performance costs, and a commission for the final work(s). The desired practical arrangements, including the periods you would like to stay at the Centre, can be specified in your proposal or can be discussed at the shortlisting stage. The selection process will be overseen by the management committee of the ICMS in consultation with a distinguished panel of musicians.

To apply, send

- --a resume;
- --(links to) sample works;
- --a project description of at most 3 pages, including a short budget.

This should include a plan of how the work might address objectives (A) and (B) and some ideas on avenues of dissemination. The applicant must be resident in the UK and/or have a visa that allows them to work in the UK without restriction.

The material can be sent to Minhyong Kim (minhyong.kim@icms.uk.org), Director of the ICMS. You may also contact him with preliminary queries.

Closing date: 30 April 2022