New ICMS Programme: Knowledge Exchange Catalyst

Background and purpose

The ICMS will support members of the mathematical sciences community who wishes to engage in promoting KE in direct collaboration with an industry or public sector partner. The project duration can be between 3 and 12 months. In particular, the successful applicant will be expected to ensure wide dissemination of the project's activities and outcomes via a workshop or similar activity. The dissemination activity should promote KE within the UK mathematical sciences community.

Target audiences:
- Researcher holding a PhD and in a short- or fixed-term post wanting to develop a new KE partnership.
- Academics in an open-ended or continuing post wanting to release time to
  - develop a new KE partnership.
  - bring previous research to practical real-world application.
  - undertake a "community KE project" (projects for building KE Infrastructure for the UK mathematical sciences community) that benefits a broad segment of the UK mathematical sciences community.

Every proposal should address how the project will promote additional KE activity within the UK mathematical sciences community.

Applicants are encouraged to get in touch with ICMS while developing their application (knowledge.exchange@icms.org.uk).

Description of person/objective

Applicants must be eligible to hold an EPSRC grant.

Contact with industry/public sector partner(s) must be in place in advance of submitting an application.

Application to include:

- A R4RI CV for research and innovation, following the guidelines of the UKRI: R4RI

- Description of project to be carried out, with work plan (including starting date and duration), deliverables and outline budget (2 pages maximum) including how the project will generate impact from previous research. The interdisciplinary aspects of the collaboration with the industry/public partner(s) should be highlighted.

- It is expected that the project will include organising a KE workshop at ICMS (or elsewhere in the UK using the ICMS@ model) to showcase the KE activity brought about by the project and to promote additional KE activity.
- Letter of support from industry/public sector partner indicating willingness to collaborate for the duration of the project. Partner contributions (funding, time, data, etc.) are required but this requirement may be waived for first-time KE experiences.
    - The letter should specify the contributions of the partner to the project and how the partner organisation will benefit from the project.
    - For "community KE projects", examples of partners are LMS, IMA, ORS, RSS, CMS, INI, ICMS, V-KEMS, the new KE Hub.
- Letter of support from head of department/school agreeing that if funded, the successful applicant will be able to devote full-time to the project specified in the application.

Eligible costs

Under the KE Catalyst Programme, ICMS will provide funding for:
- Cost of the appointment of a temporary replacement to enable the applicant to work full-time on the project.
- KE workshop organisation at ICMS or ICMS@.
- Reasonable additional expenses, such as travel.

Duration and start of the project

- Duration: 3 to 12 months
- Starting date: No later than 30 September 2023
- Deadline for applications: 31 January 2023

Completed applications should be sent to the Director Minhyong Kim at knowledge.exchange@icms.org.uk