

Call for Proposals on Mathematics and Computational Sciences

The Zu Chongzhi Center for Mathematics and Computational Sciences invites proposals for Mathematics and Computation-related research activities for the AY 2022 - 2023. We welcome proposals on research projects, the organization of events, and innovative activities related to the mission of the Zu Chongzhi Center. Any faculty member with a full-time or primary appointment at DKU may submit a proposal. Proposals must be submitted by email to the program coordinator for the Zu Chongzhi Center, Yunqi Zhu yunqi.zhu@dukekunshan.edu.cn. Informal inquiries may be addressed to Prof. Konstantinos Efstathiou k.efstathiou@dukekunshan.edu.cn.

Research Projects

Research projects must involve a faculty member with a full-time or primary appointment at DKU as principal investigator. Each project must involve one or more DKU undergraduate students. The role and contribution of the students to the project must be clearly described in the project proposal. Each successful project will be funded with up to 20,000 RMB. The duration of each project can be up to one year. Priority will be given to interdisciplinary projects. Each proposal for a research project can be up to 4 pages (1 in margin, 11 pt Times font) and it should include the following information:

- title of the project;
- list of people involved in the project;
- scientific background;
- innovative aspects;
- methodology;
- timeline;
- anticipated results and deliverables;
- budget plan.

The deadline for the submission of proposals for research projects is Friday, September 30, 2022 at 23:59 China Standard Time. Proposals must be submitted by email to the program coordinator for the Zu Chongzhi Center, Yunqi Zhu yunqi.zhu@dukekunshan.edu.cn.

Events

Events can be either small scale (such as small workshops or mini-courses) or large scale (such as conferences). Events must take place at DKU and be open to the wider Mathematics + Computation

community outside DKU and their aim should be to foster interactions with this community. The Zu Chongzhi Center will support a limited number of such events with an amount between 20,000 RMB for small events up to 100,000 RMB for large events based on the number of successful proposals.

Each proposal for an event can be up to 4 pages (1 in margin, 11 pt Times font) and it should include the following information:

- title of the event;
- list of event organizers — at least one of the organizers must be a faculty member with a full-time or primary appointment at DKU;
- motivation and aims of the event;
- detailed description of event activities;
- how the event promotes interaction with the wider Mathematics + Computation community;
- intended participants;
- budget plan.

Proposals for events can be submitted throughout the year based on funding availability. Proposals must be submitted by email to the program coordinator for the Zu Chongzhi Center, Yunqi Zhu yunqi.zhu@dukekunshan.edu.cn. If you plan to submit a proposal for an event after Friday, September 30, 2022 contact first the center co-directors Prof. Konstantinos Efstathiou k.efstathiou@dukekunshan.edu.cn and Prof. Jian-Guo Liu jliu@phy.duke.edu about your plans.

Innovative Projects

Innovative projects are activities that serve the mission of the Zu Chongzhi Center and are related to interdisciplinary research, teaching innovation, or faculty development involving Mathematics + Computation. Successful projects will be funded with up to 10,000 RMB and they must be undertaken before June 30, 2023. Priority will be given to activities that involve faculty members with a full-time or primary appointment at DKU.

Each such proposal can be up to 4 pages (1 in margin, 11 pt Times font) and it should include the following information:

- title of the activity;
- list of DKU faculty involved in the activity;
- motivation and aims of the activity;
- how the event promotes Mathematics + Computation;
- budget plan.

The deadline for the submission of proposals for innovative activities is Friday, September 30, 2022 at 23:59 China Standard Time. Proposals must be submitted by email to the program coordinator for the Zu Chongzhi Center, Yunqi Zhu yunqi.zhu@dukekunshan.edu.cn.