

Ningbo Key Laboratory of Digital Port Technology (University of Nottingham Ningbo China).

Guidelines for Application for Open Funds (Second Batch)

Relying on the University of Nottingham Ningbo China, in order to further promote the basic scientific research and theoretical innovation in the laboratory's port and logistics and other related fields, give full play to the role of the key laboratory in domestic and foreign cooperation and high-level talent training, attract talents at home and abroad to work in the laboratory or use the conditions of the laboratory to carry out high-level and high-level basic research, and achieve high-level innovative results, the laboratory has set up an open research fund.

1. The main research direction of the laboratory and the direction supported by the open fund

- a. **Knowledge mining of high-dimensional multimodal complex spatio-temporal correlation in ports**
- b. **Scheduling algorithm for port data, mathematical model and knowledge fusion**
- c. **Large-scale, multi-granularity, multi-scenario configurable simulation system for digital twins**
- d. **Topics can be proposed independently**

2. Open fund application methods

1. The laboratory sincerely invites scholars in related fields at home and abroad to apply for topics around the main research direction of the laboratory and carry out cooperative research in our laboratory.

2. In 2024, the laboratory plans to set up an open fund for outstanding scholars at home and abroad according to the main research direction of the laboratory, and a total of about 4 open fund topics will be added in the second batch, and the topic selection will be more flexible, please contact the laboratory collaborators to discuss, with an average funding amount of about 50,000 yuan. The research period is generally 1 year (2024.12.1-2025.12.1), or the design is within the scope of one year according to the actual situation. Applicants who are not professors, associate professors or other professional titles are required to provide letters of recommendation from 2 professors.

3. The assessment indicators of the project are required to include two REF3/REF4 articles, one article to be published and one submitted within the specified time frame, and the articles are required to include the Department of Computer Science and the laboratory of the Faculty of Science and Engineering, University of Nottingham Ningbo China.

4. After the application form is signed and stamped with the approval of the applicant's institution (applicable to domestic applicants), please send two copies to the laboratory by December 20, 2024, and also email the electronic version to digitalport.lab@nottingham.edu.cn. If the quota is not met by the deadline, we will reopen the call for applications. Please contact the person

in charge in a timely manner. The person in charge's email is
Ruibin.Bai@nottingham.edu.cn (Professor Ruibin Bai).

5. Contact:

Mailing address: Dong Haibo, Mailroom, Administration Building,
University of Nottingham Ningbo China, 199 Taikang East Road, Ningbo
China Tel: 13396613156, Zip code: 315010

(These management measures will take effect on the date of issuance, will be revised from time to time, and the results will be notified to each cooperative unit, subject to the project contract)