

To: All Academic Staff
From: Research Office (RO)



国家自然科学基金委员会 National Natural Science Foundation of China

Reminder for Academic Colleagues: For co-ordination purpose, individual Faculty/School (F/S) may have its own administrative arrangements and internal deadlines on top of those provided by the RO. Academic colleagues are expected to satisfy all requirements when preparing their applications and seeking endorsement from their respective F/S before forwarding the materials to the RO.

The National Natural Science Foundation of China (NSFC) is now calling for applications for the following program of the “ **Major Research Plan 2023** ”. Colleagues are invited to submit applications through the HKBU Institute for Research and Continuing Education (IRACE). Details are as follows:

Research Program	<u>Scientific Basis of Electromagnetic Energy Equipment for Extreme Conditions</u> 極端條件電磁能裝備科學基礎
Research Areas	Key Support Projects 重點支持項目 1. Evolution Mechanism of Physical Properties of Linear Propulsion Electromagnetic Energy Equipment and Non-linear Constructional Effect Relationships 直線推進電磁能裝備材料物性演變機理與非線性構效關係 2. Damage Mechanism and Regulation of High-speed Current-Carrying Friction Interface of Linear Propulsion Electromagnetic Energy Equipment 直線推進電磁能裝備高速載流摩擦界面損傷機制與調控 3. Linear Propulsion Electromagnetic Energy Equipment Extreme Conditions Subversive New Material Exploration Research 直線推進電磁能裝備極端條件顛覆性新材料探索研究 Integrated Projects 集成項目 1. Study on the Deterioration of Pivot-Rail Material Properties and Real-Time In-Situ Diagnosis and Evaluation for High-Speed Linear Propulsion Electromagnetic Energy Equipment 高速直線推進電磁能裝備樞軌材料性能劣化與實時原位診斷和評價研究 2. Simulation and In-Situ Measurement of the Physical Evolution Process of Extreme Conditions, Characterisation of Performance Degradation Mechanisms and Performance Enhancement of Electromagnetic Energy Equipment and Dielectric Materials and Devices for Energy Storage 電磁能裝備儲能電介質材料與器件極端條件物性演化過程的模擬與原位測量、性能劣化機理表徵與性能提升研究

Eligibility	Principal Investigators (PIs) should meet the following requirements: - RAP or above - With experience in undertaking basic research projects	
Funding Period	4 Years (1 January 2024 – 31 December 2027)	
Funding Amount	Key Support Projects: RMB 3 million Integrated Projects: RMB 12 million	
Application Procedures	Items	Action Parties
	<p>1) Prepare and submit the application via the GRANTS System by 23 October 2023 (Monday). Late application will not be accepted. <i>(Kindly be reminded of safekeeping your login name and password as it may take at least 1 – 2 days to regenerate a new one.)</i></p> <p>2) Submit the following documents to your Dean/Director for endorsement: (a) Application Form printed from the System including all the attachments (one-copy, two-sided); <i>(b) Mainland Grant Application Checklist.</i></p> <p>3) Submit <u>ethics/safety applications</u> to the Research Ethics Committee, if applicable: The deadline for filing an ethics/safety application via BUniPort is 16 October 2023 (Monday). Please refer to Guidelines on Online Submission of Ethics/Safety Applications for necessary steps. <i>(Ethics/safety approval usually takes 25 working days to process.)</i></p> <p>4) Submit cooperation application to the Academic Partnership Tracking Platform, if applicable: The deadline for filing a cooperation application via the Academic Partnership Tracking Platform is 16 October 2023 (Monday). Please refer to Guidelines on Online Submission of co-operation Applications for necessary steps. <i>(Co-operation approval usually takes 25 working days to process.)</i></p>	PIs
	<p>5) Give comments/suggestions to PIs for revision when necessary.</p> <p>6) Submit the documents (in soft copy) as stated in Item 2 above to RO by 23 October 2023 (Monday).</p>	Deans/Director
	<p>7) Upon receiving the complete set of application documents, RO/IRACE will online submit the</p>	RO/IRACE

	application to NSFC.	
Register for NSFC Electronic Account	For applicants who do not have an application account of the NSFC System, please contact the IRACE at hkbuirace@hkbu.edu.hk for registration.	
Other Application Details	GRANTS Electronic System (user guide)	

For enquiries, please contact:

IRACE:

Name	Email	Phone
Chen Yunting	chenyunting@hkbu.edu.hk	+ 86-755-8672 0174
Lin Shuxian	linshuxian@hkbu.edu.hk	+ 86-755-2640 8860
Yan Siwei	yansiwei@hkbu.edu.hk	+ 86-755-2267 0452

RO Research Grants Management Team:

Name	Email	Phone
Alice SUNG	mainlandgrant@hkbu.edu.hk	3411 8337

IMPORTANT:

➤ If an applicant departs from the University during the application period, the affiliated Department is required to inform the RO about his/her departure. The RO will follow it up with the funding body accordingly.

NOTICE – Other Funding Opportunities:

The Research Office maintains a webpage on the various internal and external funding opportunities and the current calls for colleagues' information. You are encouraged to check the information at <https://research.hkbu.edu.hk/funding-opportunities> regularly.