

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 “**Special Project**”. Colleagues are invited to submit applications through the HKBU Institute for Research and Continuing Education (IRACE). Details are as follows:

<b>Research Program</b>	<a href="#"><u>The Mathematical Underpinning Theory of Quantum Computing 量子計算的數學基礎理論</u></a>
<b>Research Areas</b>	<ol style="list-style-type: none"><li>1. Quantum Algorithms for Differential Equations 微分方程的量子算法</li><li>2. Models, Algorithms and Theory of Quantum Stochastic Optimisation 量子隨機優化的模型、算法與理論</li><li>3. Quantum Algorithms and Theory for Algebraic Equations 代數方程的量子算法與理論</li><li>4. Geometric Topological Theory of Quantum Complexity 量子複雜度的幾何拓撲理論</li><li>5. Representation Theory in Quantum Computing and Quantum Security 量子計算與量子安全中的表示論</li><li>6. Schrödinger Equation and Discrete Flows 薛定諤方程及離散流</li></ol>
<b>Eligibility</b>	Principal Investigators (PIs) should meet the following requirements: <ul style="list-style-type: none"><li>- RAP or above</li><li>- With experience in undertaking basic research projects</li></ul>
<b>Funding Period</b>	5 Years (1 January 2024 – 31 December 2028)
<b>Funding Amount</b>	RMB 2.5 million

	Items	Action Parties
Application Procedures	<p>1) Prepare and submit the application via the <a href="#">GRANTS System</a> by <b>12 October 2023 (Thursday)</b>. 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); (b) <a href="#">Mainland Grant Application Checklist</a>.</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 <b>5 October 2023 (Thursday)</b>. Please refer to <a href="#">Guidelines on Online Submission of Ethics/Safety Applications</a> 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 <b>5 October 2023 (Thursday)</b>. Please refer to <a href="#">Guidelines on Online Submission of co-operation Applications</a> 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 <b>12 October 2023 (Thursday)</b>.</p>	Deans/Director
	<p>7) Upon receiving the complete set of application documents, RO/IRACE will online submit the application to NSFC.</p>	RO/IRACE
	Register for NSFC Electronic Account	For applicants who do not have an application account of the NSFC System, please contact the IRACE at <a href="mailto:hkbuirace@hkbu.edu.hk">hkbuirace@hkbu.edu.hk</a> for registration.
Other Application Details	<a href="#">GRANTS Electronic System (user guide)</a>	

For enquiries, please contact:

**IRACE:**

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**RO Research Grants Management Team:**

Name	Email	Phone
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**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.