|  |  |
| --- | --- |
| UNNC HPC Application Form  **HPC User Committee, University of Nottingham Ningbo China**  **hpc@nottingham.edu.cn** joseph.z@nottingham.edu.cn |  |

**HPC Application**

The University of Nottingham is committed to providing a HPC facility which is available for use by all members of the University who have a demonstrable need for its capabilities. The HPC is a high cost resource which must be managed effectively in order to support the wide variety of computational use, optimise performance and provide the best possible return on investment. It is therefore important to collect information on the projects the HPC system is being used for, as well as its users, and their resource requirements. Projects with established external funding, and projects which result in high-impact publications will be most likely to be granted higher priority and resources beyond the ‘standard’ allocation. When submitted, the application will be forwarded to the HPC management committee for approval. If you are applying for an account and project all work on the HPC will need to be assigned to a specific project so that a full account of the work done on the HPC is available. Your cooperation in providing the information requested in these forms is much appreciated, as it will help us demonstrate the importance of the resource to the University, and therefore secure continued investment in the facility. On behalf of a colleague or student, please remember to inform them of the details once the account and/or project is established.

**Acknowledging the UNNC HPC service**

If your work is published in a journal, or at a conference, you are required to acknowledge use of the UNNC HPC facility. We suggest the following as suitable text to use:

"We are grateful for access to the University of Nottingham Ningbo China High Performance Computing Facility"

**Applicant Information**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name of the Applicant \*   |  | | --- | | Yuxiao Hu/ JingWen Zhou/Aoli Zhou  YiJie Lu/ Wei Long |     Email Address \*   |  | | --- | | [scyyh2@nottingham.edu.cn](mailto:scyyh2@nottingham.edu.cn/)  [scyjz3@nottingham.edu.cn](mailto:scyjz3@nottingham.edu.cn)  [shyaz2@nottingham.edu.cn](mailto:shyaz2@nottingham.edu.cn)  [scyyl9@nottingham.edu.cn](mailto:scyyl9@nottingham.edu.cn)  [shywl2@nottingham.edu.cn](mailto:shywl2@nottingham.edu.cn) | |  | | Login ID of the Applicant (e.g. z2017000) \*   |  | | --- | | 20029726/20030396/20126881  20125931/20126614 |   Contact Number \*   |  | | --- | | 13567881046 | |

**Supervisor (For students only) \***

|  |
| --- |
| JianFeng Ren/ HeShan Du |

**Project Information**

Project Title\*

|  |
| --- |
| Image/Video Reasoning |

Brief Project Description\*

|  |
| --- |
| To explore and try to solve a problem mentioned recently, recognizing the pattern in the picture and compute the left unknown value.  Article link: https://arxiv.org/pdf/2004.12193.pdf |

Expected outputs from the project (e.g. publications), if any.

|  |
| --- |
|  |

**Project Running Period \***

|  |
| --- |
| **01/07/2020-31/07/2020** |

**Software Requirement on HPC**

You may check the [software on HPC](https://share.nottingham.edu.cn/sites/hpccommittee/_layouts/15/start.aspx#/SitePages/Software%20on%20HPC%E2%80%8B.aspx) for your information.

|  |
| --- |
| **We would use colab and jupyternotebook to modify our files and test them.** |

**Have you had any experience using HPC (GPU y/n CPU y/n)?**

|  |
| --- |
| GPU: n  CPU: n |

**Will you be using the HPC for learning/testing or for actual simulation?**

|  |
| --- |
| We will only use the HPC for the neural network training |

**Other requirements**

|  |
| --- |
| None |

By signing this HPC Application form, you acknowledge the terms and policies of HPC services, the UNNC IT Services Code of Practice and information Security Policy. We encourage you to review them carefully. If the policies are changed, you may obtain a revised copy by visiting our website at (insert HPC website address later) or on request from our staff.

|  |  |  |  |
| --- | --- | --- | --- |
| \*Signature:   |  | | --- | |  | | \*Date: 11/07/202   |  | | --- | |  | |

-------------------------------------------------------------------------------------------------------------------------------------------------

**HPC User Committee comments**

☐ Agree ☐ Disagree

Reason if disagree:

|  |
| --- |
|  |