



Compute Canada Resource Allocation 2013 Call for Proposals

*** SPECIAL NOTICE ***

Proposals **MUST** be started by 3PM EDT today (October 11th, 2012).

The deadline for completing and submitting your application has been extended until 5PM EDT Friday, October 12. Please note, after 3PM EDT today (Thursday, October 11), only those PIs who have already started an application will be able to work on their submission.

September 2012

Principal Investigators (PIs) at Canadian academic institutions who require access to High Performance Computing (HPC) resources on Compute Canada systems are hereby invited to submit proposals requesting allocations of CPU time and storage on Compute Canada systems.

This year, the online form has changed and the scientific justification has to be done based on the provided [template](#). Note that scaling tests are required for any parallel job using more than 256 cores. Please review the form and the template well in advance to make sure you are able to provide all the information required.

In addition to offering access to computing resources with an aggregate peak of well over 1 PetaFlops of compute power and more than 15 PetaBytes of storage, Compute Canada offers applications-enabling assistance from HPC experts at the regional consortia.

Allocations will be valid for one year, beginning January 2013. Under exceptional circumstances, such as in the case of long-term national and international projects, an extended timeframe may be granted.

Allocations of longer than one year will be subject to NRAC (National Resource Allocation Committee) approval and will require the submission of an annual progress report.

Submission of a Proposal

This call for proposals is aimed at PIs who require greater than the default usage level on any system. All applicants must complete the online application form at the [Compute Canada Database \(CCDB\) site](#).

Applications requesting less than the default usage level will not be reviewed unless large bursts of usage are expected during the year (in which case planning with Compute Canada is necessary). The size of default usage levels vary by system; please consult the [list of resources page](#) for more details. PIs who are not sure if their request requires a RAC allocation should contact rac@computecanada.ca prior to submitting a request.

Any individual who is eligible to apply to national granting councils for funding is eligible to apply for an allocation. Typically, this means that regular faculty are eligible to apply while postdoctoral fellows and graduate students are not. Individuals who have adjunct status may apply for an allocation if the project for which the allocation is requested is eligible for funding from CFI or the granting councils. A lead PI cannot submit more than one individual application but can be a participant in other submissions.

Note that a proposal is not required in order to get access to Compute Canada systems. Any Canadian academic researcher may obtain the “default usage level” on any Compute Canada system at any time by [registering with the CCDB](#) and then requesting accounts at one or more consortia.

Technical aspects

It is strongly recommended that all applicants consult with the Compute Canada technical staff responsible for the systems they intend to use well before completing their proposal.

This ensures that the technical aspects of the proposals match well with the requested systems, to the PI's benefit. PIs who have not previously used Compute Canada systems *MUST* discuss their proposal with Compute Canada technical staff before submission. *Please do this before October 1 so that we have time to help you.*

All applications will undergo a technical review following the proposal submission. All PIs *must* respond to requests from the Compute Canada technical team in a timely manner regarding their application. If a PI does not respond to such requests then this could negatively affect the review of the proposal. If you do not know how to contact the appropriate technical team, please write to rac@computecanada.ca.

Submission Date

The deadline for completing and submitting an application has been extended until 5PM EDT Friday, October 12. Please note, after 3PM EDT Thursday, October 11, only those PIs who have already started an application will be able to work on their submission.

Evaluation of Proposals

Applications will be reviewed by both scientific and technical experts. Proposals will be evaluated according to the quality of the proposed science, the excellence of the PI and the technical merits of the proposal (e.g. code efficiency, size of request, past usage by PI etc). As a result of the technical review, PIs may be contacted for additional information or clarification before final decisions are made.

Applicants will be notified of decisions by email in December.

Privacy Policy

Confidentiality of Information

Compute Canada will safeguard the information that it receives from applicants. It instructs reviewers to keep all information confidential and to use it only for review purposes. All proposals will be available for review by all RAC (Resource Allocation Committee) members.

Use of Personal Information

All personal information collected by Compute Canada is used to review applications. Such information may be shared with relevant officials in the relevant consortium and/or with their research institution.

Public Information

Compute Canada will post the following information on its website for allocations provided:

- Name
- Department/Institution
- Project Title
- Research Summary
- Allocation

Questions regarding any aspect of this call can be addressed to Jill Kowalchuk, Interim Executive Director, Compute Canada at rac@computecanada.ca.