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Allocations Request Form for Dell_Cluster

Instructions: To make your allocation request, please fill out the webform below after reviewing the allocation types and requirements.

As stated in the [LONI Allocations policy](#), there are two classes of allocation requests:

1. Small (50,000 SUs or less)
2. Large (greater than 50,000 SUs)

Large Request Requirements

- **Proposal**
 - All large scale allocation requests must be accompanied by a written proposal in PDF format. Large scale requests submitted without this written proposal will **NOT** be approved. Please submit the PDF proposal using the "upload proposal" form field below.
 - Large request applicants are not required to fill out the fields related to code descriptions and scaling or publication and grants if those details are included in their PDF proposal.
- **Summary Report**
 - At the end of each allocation period, a short summary report on the project should be submitted to the LONI Allocations Committee. Renewal requests for a project will not be approved until this report has been received. A template for this report can be found in [Word](#) and [PDF](#) formats.
 - To submit the summary report, follow the [My Allocations](#) link and select the "report" button listed next to the relevant project.

Small Request Requirements

- Small request applicants must complete all of the form fields below, explaining their CPU requirements, their scientific methodology and the current state of their codes or application. Requests for subsequent allocation awards will not be allowed until an end-of-project report has been received for all prior awards. Final reports must be uploaded to previous allocations prior to submitting the proposal.

Allocation Name:

This is a short identifier for use in web forms and in job submissions.

1. It must be something that is not already in use in our system. It may be useful to make the last two characters of this name digits, so that the allocations you make over time can form a sequence, e.g. "quantum01", "quantum02", etc.
2. It must be 10 characters or less in length.
3. It must contain only letters, numbers, or the underscore character.

Title of This Allocation:

Provide Website Feedback Accessibility Statement

Logged in as **sshirz1**

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This is a more verbose identifier than the name. It can contain spaces, and need not be unique. Typically it is the title you have given to your request document.

Modeling the Blood Flow in the Whole Human Body

PI:

This is a list of the Principal Investigators for the project. Each P.I. should be identified by full name (first and last), login name, or email address. Each P.I. identifier should be separated by a comma. For example: John Doe,Jane Smith,Joe Brown.

Wayne Newhauser, Hartmut Kaiser

Research Categories:

You need to provide a primary area of research. If applicable, you can also provide a secondary and tertiary area.

Biophysics



Software Development



Tertiary



Description of Research:

Increasing patient survival rates following cancer treatment have brought more attention to the long-term effects of radiation therapy, which can detrimentally affect the patient's quality of life. Radiation-induced necrosis of the brain has received increased attention in the literature due to the difficulty of diagnosis, its severe and potentially deadly impact on the patient's quality of life, and

Is your research commercial?

Yes ☐ No ☒

Description of the code (1 paragraph):

Code Requirements (Compilers, file formats, etc.):

Is the code checkpointable?Yes ☐ No ☒

Estimate of the resources needed:Memory (per processor)

Most important machine characteristic for the code:Latency ☒ Computation Speed (FLOPS) ☐ Bandwidth ☐

Type of allocation and number of SUs requested for Dell_Cluster:

- Startup (50000 SUs or less)
- Large (Over 50000 SUs)

Large

Scaling and performance information relevant to the code:

Provide the range of processors which will be used as well as appropriate profiling information showing both performance and scaling characteristics of the code.

Publications citing resources used at LONI:

Grants awarded and/or pending:

Pending and/or successful applications for computer time at other facilities:

Upload proposal (PDF format only):

Choose File

No file chosen

Submit Request

Clear All