

LinkSCEEM/Cy-Tera Production
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Alan O'Cais

Applications

LinkSCEEM/Cy-Tera Production 2012 ▼

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Role: Technical Reviewer ▼ Application Type: PRODUCTION ACCESS APPLICATION Initial submission ▼

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Required fields are shown in red.

Review of: lspro107s1

Title: Trying out Linklings

Submission details: [in a pop-up window](#)

Reviewer: Alan O'Cais

This form provides for a (technical or scientific) review of a Production Access application.

For scientific review, all kinds of applications are encouraged and there are no hard criteria for rejection. Scientific reviewers will provide a report on the novelty and quality of the science proposed, its potential impact and on the applicant's ability to carry it out. The scientific reviewers are chosen from among researchers with expertise in the scientific field of the proposal.

For technical review, it is the reviewers' role to ensure that expectations of the user and the resources available on the system match. The technical review is not competitive and therefore forms a feedback mechanism between the HPC site and the intended user to inform them of what is, and what is not, possible/available at the site. Technical reviewers will provide a report on the technical quality (code, methodology, etc.) of proposals and on the suitability of the project for the system/architecture requested, and the extent of the request.

Please expand and read the reviewer guidelines below!

Compliance with data protection

The personal data provided on this form will be processed by LinkSCEEM-2 and may be held on computerised databases and/or manual files.

[Hide Reviewer Guidelines](#)

Scientific Review Guidelines

The proposals must address the following scientific criteria:

- Scientific excellence. The proposed research must demonstrate scientific excellence and a potential for high local and international impact.
- Novelty and transformative qualities. Proposals should be novel, develop an important scientific topic of major relevance to regional research, describe possible transformative aspects, and expected advances.
- Methodology. The methodology used should be described and appropriate to achieve the goals of the project.
- Dissemination. The planned channels and resources for dissemination and knowledge exchange should be described.
- Management. There must be a solid management structure which will ensure that the project will be successfully completed.

Technical Review Guidelines

The proposals must address the following technical criteria:

- The need to use a LinkSCEEM resource
- Software availability or compatibility on the requested resource. The codes necessary for the project must be available on the system requested and/or, in case of codes developed by the applicants and Project Access proposals sufficiently tested for efficiency, scalability, and suitability. For Project Access Proposals proof of successful tests must be submitted together with the proposal;
- Feasibility of the requested resource. The requested system must be suitable for the proposed project. The technical assessment may redirect projects to a more appropriate system.
- Reviewers are encouraged to provide as much feedback as possible.
- Further discussion of the questions and any additional input is to be placed in the comments section of this form. There is one comment section that can be seen by the applicant and another that can only be seen by the review committee
- Additional factors that can influence the decision to grant access (such as I/O issues, job sizes, etc.) can also be addressed in the comments section

Overall conclusion

In the final section of the scored review questions below you will be asked to give an overall categorisation of the project in a range from 'very poor' to 'very strong'. Please give a brief scientific/technical description of the reasons for your overall judgement taking your answers to all other questions into account.

Overall conclusion

Scored Review Questions

The scored review questions below will assist the Resource Allocation Committee in ranking the proposals according to the various criteria of the review process.

Please evaluate the PRODUCTION ACCESS APPLICATION by selecting options in the drop-down boxes. Where you select numbers, low numbers indicate a low rating and high numbers indicate a high one. **You must make a selection for each drop down box.**

Machine : Is the number of core hours requested suitable for production access on the host system(s)?

If the number of suitable systems is restricted please

explain why in the comment section of this form.



Machine : Is the amount of disk space requested by the user within the standard limits of the HPC center(s)?

If the number of suitable systems is restricted please explain why in the comment section of this form.



Machine : Is the number of files requested by the user within the standard limits of the HPC center(s)?



Machine : Do the maximum memory requirements of the application (per node) fall within that available on the system(s)?

If the number of suitable systems is restricted please explain why in the comment section of this form.



Software : In your opinion, is the proposed application suitable to run on the hosting system(s)?

If your answer is negative or the number of suitable systems is restricted please explain why in the comment section of this form.



Software : Is all the software required by the project installed (or capable of being installed) on the target system(s)?

If your answer is negative or the number of suitable systems is restricted please explain why in the comment section of this form.



Software : Are there any licencing issues with respect to the required software?

If yes, please provide an explanation in the comments section.



Software : Is there any indication from the proposal that the application software will scale well on the target system(s)?

- Scaling of 80% to minimum accounting unit is required
- Scaling to 70% on higher node counts required
- Minimum scaling information to 48 cores to be provided
- Farming is permitted if handling procedure exists and is explained.



Workplan: Does the applicant have a credible plan to complete the project and use the requested computing time efficiently?

Please qualify your response to this question in the comments section.



Workplan: Does the applicant have a plan to deal with all the aspects relating to the data of the project?

Please consider the need for parallel I/O, data transfer and storage restrictions.

Please qualify your response to this question in the comments section.





Workplan : Is the time necessary for testing and optimisation less than one month?



Overall Judgment

Given your answers to the above questions, and in consideration of any further discussion in the comments section, how well-placed do you consider this project to with respect to the resources available through the call?



How much of the requested computing time do you feel should be awarded to the proposal?

If you feel the computer time awarded should be lower than the total amount requested, please fill in the amount of computer time you feel is appropriate for the project proposed.



Comments

Comments for Authors

Comments for Reviewers

These comments will NOT be provided to the authors.

Email Review to Reviewer

Would you like to receive a copy of this review by email?