

**Specifications for Proposals for Petascale Laboratory for Simulation Science (PETALS)**

**Title of PETALS**

**Name of the principal organizer**

**His/her affiliation**

**Organizers**

Name: Principal (contact) organizer or co-organizers

Affiliation: Affiliation

Phone: Telephone number

Fax: FAX number

E-mail: e-mail address

Name: Name of additional organizer(s) (repeat as needed)

Affiliation: Affiliation

Phone: Telephone number

Fax: FAX number

E-mail: e-mail address

[Additional organizers if required.]

**Abstract of PETALS**

Two to three lines describing main the idea

**Proposed Schedule and Location**

While longer or shorter lengths are possible, the normal, expected PETALS time frame is one week. The preferred location is the Oak Ridge National Laboratory (ORNL) because it will facilitate participation by Leadership Computing Facility staff and visitors and make full use of the facilities and support resources of the UT-ORNL Joint Institute for Computational Sciences and the ORNL Center for Computational Sciences. Other locations will be considered, but should be justified in the body of the proposal.

**Budget**

The average PETALS budget is US \$20,000.

**PETALS Format**

Describe the proposed plans for the PETALS including number of participants; approximate schedule of the talks; the resources required, etc.

**Proposal**

The proposal should be succinct (two to three pages at most) and organized under the following four topics:

*Scientific Background:* Describe the PETALS background in one-half to one page.

*Motivation and Objectives:* Describe the specific objectives of the PETALS and its anticipated importance to specific areas of petascale computational science.

*Benefits to the Leadership Computing Facility:* Describe how the outcome of the workshop will benefit the LCF (e.g., new codes, new users, new expertise, etc).

*Cited Literature:* Provide reviewers a few key literature references.

**Tentative list of participants**

Name and affiliation of confirmed participants

Name and affiliation of a participant contacted but not yet confirmed

Name and affiliation of a desired participant who has not yet been contacted

---

**Submission**

Submit the proposal by email in Word format, with PETALS PROPOSAL as the subject line, to **Thomas Zacharia**, E-mail: [zachariat@ornl.gov](mailto:zachariat@ornl.gov)