

## **PROPOSAL TO HOST SC08 EDUCATION PROGRAM SUMMER WORKSHOP**

University of Oklahoma, Norman campus

Henry Neeman, Director, OU Supercomputing Center for Education & Research

The University of Oklahoma (OU), specifically the OU Supercomputing Center for Education & Research (OSCER), offers to host a weeklong workshop in Norman.

### **Workshop Topic Recommendation: Parallel & Cluster Computing**

Because of OSCER staff experience with High Performance Computing, the SC08 Education Program's Return On Investment (ROI) will be maximal if the workshop topic is Parallel & Cluster Computing (or similar), because OSCER staff will be able to participate as co-instructors, without requiring housing or travel expenses. However, workshops for other topics can also be hosted (but at reduced ROI).

### **Experience Hosting Workshops & Conferences (OSCER)**

- National Computational Science Institute
  - Oct 2003: 1-day Parallel & Cluster Computing workshop
  - Aug 2004: 7-day Parallel & Cluster Computing workshop
  - Aug 2005: 7-day Parallel & Cluster Computing workshop
- Linux Clusters Institute
  - June 2005: 4-day Cluster System Administration & Application workshop
  - May 2006: 4-day LCI Conference
  - Feb 2007: 4-day Cluster System Administration & Application workshop
- SC07 Education Committee
  - Oct 2007: 1-day Parallel & Cluster Computing workshop

### **Experience Teaching Workshops (Neeman)**

- All OU-hosted workshops listed above
- Summer 2006: NCSI Parallel & Cluster Computing workshop, Houston Community College, Houston TX
- Feb 2005: LCI Cluster System Administration & Application workshop, National Center for Supercomputing Applications, Champaign-Urbana IL

### **Proposed Dates**

Any of the following dates are available (hotel and venues):

- Sun May 11 – Sat May 17
- Sun May 18 – Sat May 24
- Sun May 25 – Sat May 31
- Sun July 27 – Sat Aug 2
- Sun Aug 3 – Sat Aug 9
- Sun Aug 10 – Sat Aug 16
- Sun Aug 17 – Sat Aug 23 (non-ideal: OU's fall semester begins Mon Aug 25)

Other dates may be available but cannot be guaranteed, because of PC lab availability.

### **Travel to OKC**

- **Flying:** The Will Rogers World Airport in Oklahoma City (airport code OKC, [www.flyokc.com](http://www.flyokc.com)) is served by American, Champion, Continental, Delta, ExpressJet, Frontier, Northwest, Southwest, United and US Airways/America West.
- **Driving:** Norman is served by I-35. Oklahoma City is served by I-35, I-40 and I-44.

### **Instructor and Coordinator Travel Costs**

Airfare to OKC is typically \$300-500 per person.

### **Ground Transportation from OKC Airport**

Limited free ground transportation from the OKC Airport can be provided if needed, but attendees and instructors will be encouraged to pay for their own unless absolutely necessary. Metro Express/Airport Express shuttle to Norman is \$33 one way for a single person trip, \$18 per person for a 2 person trip, \$13 per person for a 3 or more person trip.

### **Expected Number of Attendees, Instructors and Coordinators**

The number of attendees can be as high as 58, but this proposal will assume 30 (10 near Norman who won't need lodging and 20 from elsewhere who will need, at double occupancy); 4 non-OU instructors (single occupancy), 1 OU instructor, 1 OU coordinator.

### **Lodging for Attendees: \$3124.00**

Norman Days Inn: \$3124.00 for 10 rooms, double occupancy, check in Sunday, check out Saturday.

Details: \$51.04 per room per night Sunday night through Thursday night and \$57.20 per room on Friday night, based on double occupancy, for a total of \$312.40 per room (average of \$26.03 per person per night). These rates currently apply to any of the candidate dates. Assuming that funds are transferred from the SC08 Education Program to OU, and then paid by OU to the hotel, hotel costs will be tax-exempt.

### **Notes**

- Previous events that were hosted at OU were able to make use of the OU Sooner Hotel at \$48 per 2-bed room per night. This hotel will close permanently on March 1 2008 and therefore will be unavailable for the proposed workshop.
- Dorm lodging is available on the OU Norman campus, but is substantially more expensive than the hotel (\$36 per person per night based on double occupancy), and is only available for the weeks of May 25 – 31 and July 27 – Aug 2.
- At the Days Inn, both smoking and non-smoking rooms are available at these prices.
- All standard hotel amenities are provided, including **FREE** wireless Internet in each room. A complete list of amenities can be found on the Days Inn website:  
<http://www.daysinn.com/>
- There won't be any problem with spouses or children attending any part of this event (at their own expense).
- Saturday rate for early arrivers is \$57.20 per room (\$28.60 per person if double occupancy).
- Sunday rate for late departers is \$51.04 (\$25.54 per person if double occupancy).
- Single occupancy for the full week can be had for an additional \$312.40 per person.
- Parking is available at the hotel for **FREE**, including for RVs and trucks.
- Costs assume that rooms are booked soon, while currently posted rates are still valid.

### **Lodging for Instructors: \$1478.40**

Expected cost: \$1478.40 for 4 non-OU instructors, under the same hotel and conditions as for attendees, assuming single occupancy and Saturday arrival.

**Food: approximately \$9121.66**

Food will be provided by the OU Union, at OU internal rates and untaxed. Vegetarian meals are available. A sample menu is provided, but can be changed according to the webpage below:

<http://union.ou.edu/index.php?option=content&task=view&id=62>

- Breakfast (per person unless otherwise indicated)
  - Monday: country breakfast \$6.95
  - Tuesday: Sooner Scramble \$9.25
  - Wednesday: breakfast buffet \$10.95
  - Thursday: country breakfast \$6.95
  - Friday: Sooner Scramble \$9.25
  - Saturday: breakfast buffet \$10.95
  - Each day: tea bags, 15 @ \$1.00 each; hot water 2 gallons @ \$3.50 each
- Morning Break (for 48 servings unless otherwise indicated)
  - Monday: apple turnovers \$63.80
  - Tuesday: gourmet cookies \$55.60 (96 cookies)
  - Wednesday: lemon bars \$75.80
  - Thursday: mini-cheesecakes \$75.80
  - Friday: chocolate-dipped strawberries \$74.00
  - Saturday (if desired): half sheet cake \$28.00 (40 servings)
- Lunch (per person unless otherwise indicated)
  - Monday: deli buffet \$11.50
  - Tuesday: nacho/taco bar \$8.95
  - Wednesday: baked potato bar \$7.95
  - Thursday: soup and salad \$9.50
  - Friday: Italian sub bar \$8.50
  - Saturday (if desired): box lunch #1 \$7.25, plus coffee 3 gallons @ \$11.95 each, ice tea 3 gallons @ \$11.95 each, ice water 2 gallons @ \$3.50 each
- Afternoon Break (for 48 servings unless otherwise indicated)
  - Monday: fresh fruit tray \$95 (serves 25-50)
  - Tuesday: vegetable egg rolls \$61.00
  - Thursday: bruschetta \$54.00
  - Friday: cheese and cracker tray \$29.90 (serves 40)
- Dinner buffet at Union (Sunday, Monday, Tuesday, Thursday): \$16.50 per person (various salads, vegetables and entrees)
- Sit-down dinner at Union (Friday): maximum \$26.95 per person at Union
- Delivery charge per meal (breakfast, lunch and breaks): +15% except banquet
- Estimated total food cost for the full week, per person: \$253.38
- Estimated total food cost for the full week, 36 people: \$9121.66

### **Venue: FREE**

- OU can provide, for free, a pair of adjacent PC labs (Carson Engineering Center 205+206), separated by a removable accordion wall, with a total of 58 PCs available in the two rooms.
- An additional PC lab in the same building is available on another floor (26 PCs).
- Other meeting rooms can be made available as needed, both in Carson and in nearby buildings.
- Labs and some meeting rooms have computer projectors and white boards.
- Overhead projectors can be provided **FREE** on request.
- Parking is available at nearby lots for **FREE** (with visitor passes).
- Internet access is available for **FREE**, wired for lab PCs and wireless for participant laptops (no user restrictions).
- Power is available for laptops.
- Labs are available 24/7, but require Neeman's ID swipe card for entry.
- Lab PCs are Dell PCs no more than 3 years old.
- Printing in the labs is **FREE** (using Neeman's account).
- Technical support is available, typically within minutes after a problem is reported.
- Breakfasts, lunches and breaks will be held in the lab.
- Dinners will be held at the Union.

### **Swag: FREE**

OSCER will provide OSCER-logo pens to all participants, as well as t-shirts from recent OSCER events.

### **Communication with Participants**

OSCER has extensive experience communicating with participants in such events, including e-mail and web-based information resources.

### **Office Equipment and Photocopying**

Standard office equipment (erasers, stapler, hole punch, scissors, flip charts, pens) is available for **FREE**.

Photocopying can be done in several locations at OU for **FREE**.

### **Contact**

Henry Neeman

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