

# Hosting the Hadron Collider Physics Symposium 2009

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## **Abstract**

This is a proposal to host the 2009 Hadron Collider Physics Symposium during the month of June 2009 at the University of Oklahoma in Norman, Oklahoma, USA.

## **1 Overview and Objectives**

The High Energy Physics Group at the University of Oklahoma (OU), members of the DØ and ATLAS collaborations, would like to host the International Hadron Collider Physics Symposium in June 2009. With the recently create Oklahoma Center for High Energy Physics (OCHEP), the state of Oklahoma has 8 HEP experimental faculty and 4 HEP theoretical faculty all working on various aspects of Tevatron and LHC physics. Given the number of active senior HEP physicists in the state, and our wish to promote our newly established center, we would like to bring leading physicists to report new results from hadron colliders with a focus on the LHC, to promote collaborations among experimentalists and theorists in data analysis, and to stimulate discussions and ideas in the search for new physics.

Norman is centrally located in the USA, therefore easily reached by air from a number of major cities. The city has a large number of hotels and restaurants and is also close (18 miles) to Oklahoma City which is a major US city with restaurants and entertainment.

## **2 Conference Dates**

In order to avoid possible conflicts with teaching schedule of faculty members as well as the college football season when hotel rooms are hard to find, we propose hosting HCP09 during the period June 1 (Monday) - June 5 (Friday). Moving this date forward or backwards by a week would not present any problems.

### **3 Location**

The OU Norman campus is located 25 miles south of the Oklahoma City Will Rogers Airport (OKC). Will Rogers Airport has convenient connections through Atlanta (ATL), Chicago (ORD), Dallas-Fort Worth (DFW), Denver (DEN), Houston (IAH), and Newark NJ (EWR).

### **4 Financial support**

We have received a commitment of \$20,000 USD from the University of Oklahoma to cover conference expenses and we plan to submit proposals to the Oak Ridge Associated Universities, the Institute of Physics, the US Department of Energy, and the US National Science Foundation to request for additional financial support.

### **5 Facilities**

The OU College of Continuing Education (OCCE) provides excellent conference services and facilities that include:

- a large Forum Auditorium that can accommodate up to 500 participants for plenary sessions;
- 3 to 5 smaller rooms for parallel sessions;
- Projectors for laptops and transparencies;
- 1 Video Conference room;
- a restaurant for receptions;
- the banquet could be held in the Museum of Natural History or one of the banquet rooms in the student union.

### **6 Lodging**

There are 13 national chain hotels in Norman with approximately 1100 rooms total.

- The Sooner Hotel with 123 rooms is located next to OCCE conference hall. This hotel has regular hotel rooms and cottages.
- Other hotels such as the Residence Inn by Marriott, the Hampton Inn, the Fairfield Inn are approximately 2 to 5 miles away. For those who have cars, these hotels offers excellent rooms.
- In addition, there are 4 excellent Bed & Breakfast Inns in Norman with a total of 25 rooms.

## 7 Previous Experiences

The University of Oklahoma HEP group has hosted 3 international conferences (a) *Beyond the Standard Model* in 1990, (b) *DØ Workshop* in 2002, and (c) *Quantum Field Theory under the Influence of External Conditions* in 2003.

## 8 Useful Web-Sites

- University of Oklahoma: <http://www.ou.edu>
- Museum of Natural History: <http://www.snomnh.ou.edu>
- University of Oklahoma continuing education conference facilities:  
<http://www.occe.ou.edu/occe/facilities>
- Norman visitors and convention center: <http://www.visitnorman.com/index.asp>