Project Title Proposal to Support Junior Scientists Participation in Quark Matter 2004

Principal Investigator: Huan Zhong Huang
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 5-123 Knudsen Hall
 University of California, Los Angeles
 Los Angeles, CA 90095-1547

Period of Time: October 1, 2003 – September 30, 2004

Name and Address of Recipient Organization:
 The Regents of the UC, Los Angeles
 Office of Contracts and Grant Administration
 (C/O Miesha Bailey)
 10920 Wilshire Blvd, Suite 1200
 Los Angeles, CA 90024-1406

DOE Award Number: DE-FG02-04ER41296

Report on the DOE Grant for QM2004 Support

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The Seventeenth International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (Quark Matter 2004) was held in Oakland, California, from January 11 to 17, 2004. There were approximately 645 registered conference participants. Scientific results from RHIC Au+Au and d+Au running were presented by all four international collaborations at RHIC. The RHIC scientific program has made milestone progresses towards the discovery of the Quark-Gluon Plasma (QGP) in nucleus-nucleus collisions at RHIC. Intriguing experimental observations from d+Au collisions at the forward rapidity in the deuteron hemi-sphere were presented and possible physical scenario involving Color Glass Condensate (CGC) was also discussed at the conference. Leading newspapers such as New York Times, San Francisco Chronicle and Oakland Tribune reported on the scientific achievements of the heavy ion community and the conference at Oakland.

The conference devoted one day to a student and post-doc symposium and one afternoon to a workshop for local high school teachers on January 11. Both were very well attended. The number of people at the symposium was well above 140 during most of the lectures. The number of high school teachers was about 50.

We received a DOE grant of \$65,000 to support student and post-doc participation of the QM2004 conference. The conference supported 89 people with local hotel room and 94 people with registration fee waiver. All graduate students received both the hotel room and fee waiver. There were a total of 115 people who received conference local support, approximately 50% from US institutions and 50% from abroad. The amount for hotel room support was \$25307.71 and the rest was allocated for registration fee waiver. We also received a \$5000 grant from NSF for student support.

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
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Berkeley CA 94720
510.486.6386 (voice) • 510.486.7772 (fax)

INVOICE

August 26, 2004

**Department of Physics and Astronomy
University of California, Los Angeles
Attn: Tuyet-Hong Truong-Ung**

**Services Provided
Support of the QUARK Matter Conference, Jan 10-17, 2004**

Total Conference Support fund granted by DOE	\$65,000.00*
Support of student hotel expenses (directly paid to hotels from UCLA)	-\$20,322.71

Support of participant's registration fee	
90 people at \$500 each	total cost 45,000.00
Available Fund	44,677.29
(The rest will be covered by the LBNL group)	

Amount Due:	44,677.29
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**Please remit to
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Lawrence Berkeley National Laboratory
Conference Services MS 937-500
1 Cyclotron Road
Berkeley, CA. 94720**

For questions please contact the undersigned at the number above.

**Kathleen Brower
Conference Services**

*** Fund Received by UCLA on May 24, 2004**