**Field of Interest:** hep-ex  
**Deadline:** OPEN UNTIL FILLED  
**Region:** North America

**Job Description:**

Quarkonics Applied Research Corporation (QARC) is seeking postdoctoral research associates for possible employment / contract starting in February 2012.

Applicants should have a bachelors degree in physics. A Ph.D. in physics is strongly preferred with strong expertise in one or more of the following areas:

1. Physics data analysis using ROOT/MINFIT/MINUIT/R or similar statistical data analysis tools. Candidate should also have strong background in C++, Python, or other programming languages.
2. Experience in Artificial Neural Networks, Support Vector Machines, boosted decision trees, or other pattern recognition algorithms.
3. Theoretical Physics - especially in vibration analysis. We are looking for a candidate with strong background in applied Classical Lagrangian Mechanics.
4. Numerical methods, Finite Element Analysis, simulations using MATLAB or similar software package

Screening of applications will begin immediately and continue until the position has been filled. Interested candidates should submit CV/Resume and the names and contact details of three references in one of the following ways:

by Mail:  
QUARKONICS APPLIED RESEARCH CORPORATION  
440 Burroughs St. #179  
Detroit MI 48202

Or by Email:  
E-mail: hr@quarkonics.com

**More Information:** QARC is a consulting firm that provides research and development services in the fields of technology and business intelligence. For more information, please send email to info@quarkonics.com.