From: Boaz Klima <klima@fnal.gov>
Subject: Two Postdoctoral Positions in Greece for CMS
Date: February 11, 2013 3:48:46 PM CST
To: uscms-all <uscms-all@fnal.gov>, lpc-all <lpc-all@fnal.gov>

NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
SPECIAL ACCOUNT FOR RESEARCH GRANTS
    Athens, January 31, 2013

POSTDOCTORAL POSITIONS
in Experimental Particle Physics (High Energy Physics)

Applications deadline: February 20, 2013

Job Description:
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The Physics Department of the National and Kapodistrian University of Athens is seeking two highly qualified postdoctoral research candidates to work on the project “Beyond the Standard Model at the LHC”. The work consists in
(a) Analysis of data recorded by the CMS experiment, in search for signs of physics beyond the standard model (supersymmetry and new contact interactions)
(b) Study of triggering algorithms used thus far, and the design and implementation of possible improvements for the next LHC run in 2015.

The positions are funded by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF).

Each position is for up to two years maximum with a total remuneration cost of up to 45,600 Euro maximum, before all legal deductions. One position will be based at the Univ. of Athens, while the second position will be based at the Univ. of Ioannina.

Qualifications:
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* Ph.D. in Particle Physics (High Energy Physics).
* Strong background and experience in data analysis, which is substantiated by one of the following:
  o a PhD thesis on a Tevatron or LHC experiment,
  o postdoctoral position for at least one year on a High Energy Physics Experiment
  o three-year experience on any other High Energy Physics experiment after the first degree
* Excellent knowledge of English.
* Additional desirable qualifications
  * Familiarity with HEP analysis software (working knowledge of C++, ROOT)
  * Interest in working on searches for physics beyond the standard model
  * Experience in trigger system calculations and development

Please send your application along with a full Curriculum Vitae to:
Prof. P. Sphicas
Department of Physics,
University of Athens,
Panepistimiopolis, Zografou 15784
Athens, GR
email: Paris.Sphicas@cern.ch