Application can be submitted at https://employment.umn.edu/applicants/Central?quickFind=110958. All needed information is there, too, but a copy is appended below.

**Required/Preferred Qualifications**
Applicants with a Ph.D. required with one or more years of research training required and /or Applicants with a Ph.D. in physics will be considered.

**Preferred**
Applicants with a Ph.D. in high energy physics experiment

**Duties/Responsibilities**
The HEP group at the University of Minnesota working on the CMS experiment at the Large Hadron Collider (LHC) at CERN seeks outstanding candidates for a postdoctoral scholar position. Minnesota has a large group working on CMS working on electroweak physics and searches for supersymmetry and other physics beyond the Standard Model. Group members are actively involved in the operation of the Electromagnetic and Hadron Calorimeters, and the Phase 1 and Phase 2 upgrades.

The successful applicant will be primarily based at CERN and will be expected to make significant contributions to both data analysis and on the detector upgrade projects. Applicants should have a Ph.D. in Physics with extensive experience in the data analysis and software systems used in high energy physics. Familiarity with Unix/Linux operating systems, the C++ programming language and Root is highly desirable.

For further information, which is not administrative, please contact Prof Jeremy Mans at jmmans@physics.umn.edu. More information on the Minnesota HEP group can be found at: http://www.hep.umn.edu.

**Application Instructions**
Please apply online via the Employment System at https://employment.umn.edu/applicants/Central?quickFind=110958

Only on-line applications will be accepted. Provide a cover letter, curriculum vitae, the names and complete contact information for three references, a research experience statement (attach as Additional Document 1).

Please arrange for at least three letters of recommendation to be sent either by Email (kaplan@physics.umn.edu) or by mail to:
Ms. Jody Kaplan,
The University of Minnesota,
School of Physics & Astronomy,
116 Church St. S.E. 
Minneapolis, MN 55455-0149