

Postdoctoral Research Associate with the University of Nebraska

Presenters: Ilya Kravchenko, Ken Bloom
<https://inspirehep.net/jobs/2177998>

About us

- Nebraska CMS group: four tenure-line faculty (Bloom, Claes, Golf, Kravchenko), four postdoctoral researchers (including this position), one detector physicist (plus working on hiring another), six PhD students, plus Tier-2 center staff/computing professionals
- We are involved in CMS in many different ways:
 - Analysis: Higgs, electroweak, top, searches
 - Operations: Tier-2 computing, EGM POG
 - Upgrade: TFPX in tracker, ETL in MTD, computing R&D
- And many other things going on in Nebraska:
 - Particle astrophysics via ARA and IceCube Gen2 in Antarctica, RNO in Greenland
 - MilliQan
 - Phenomenology/cosmology

About the job

- Primary supervisor is Ilya Kravchenko.
- Postdoc expected to take on a leadership role in operations (most likely EGM POG or tracker, shifts etc. when CMS is running) and analysis (most likely Higgs or electroweak)
- Primary job location expected to be CERN.
 - Most Nebraska staff are located in Nebraska (currently one postdoc and one computing professional at CERN) so important to help with our visibility there.
 - Some amount of telework is reasonable.
 - But we could discuss other locations if a candidate is interested.

About the job

- Contracts are typically one year with annual one-year extensions if everyone is mutually satisfied.
- No hard limit on extensions; we have typically been able to support people until they are able to move on to their next career stage.
- New for us: if hired person is not a US citizen, their employer of record will be a business entity that has a presence in France/Switzerland
 - Doesn't look any different to CERN: you will be affiliated with Nebraska, we will sign the Home Institute Declaration form.
 - But you will be a bona-fide employee, with access to benefits typical for workers in France/Switzerland.

What's great about us?

- We have been successful in job placement.
 - Previous holders of this particular position are Linda Finco (now with INFN Torino) and Rebeca Gonzalez Suarez (now with Uppsala/ATLAS).
- We work to make sure our people are visible.
 - Management positions (e.g. Linda was EGM POG convener and now L3 in HIG PAG, Rebeca was TOP PAG convener, Andrew Wightman is currently Computing Operations L2)
 - Conferences etc. (we have the resources for people to travel)
- We try to be good mentors.
 - Regular interactions with all of our staff
 - Opportunities to mentor students
- We believe that our compensation is competitive.
- We believe that a successful research group is driven by successful postdocs and students, so our most important job is to make sure you are successful.