

Post Doctoral Fellow

Antihydrogen Experiments

The particle physics laboratory of the French Atomic Energy Commission (CEA-DAPNIA) has an opening for a two-year postdoctoral fellow to experiment on antihydrogen physics. This position is available starting January 2006.

Our final goal is the production of antihydrogen via the interaction of antiprotons with a positronium target. In a first phase, we aim at demonstrating hydrogen production with protons on positronium. Some of the experiments will take place at the Atomic Physics Laboratory, RIKEN in Japan.

This position requires a PhD in Physics. Experience in plasma confining traps, detectors and electronics, data analysis or simulation techniques is desirable. Contact Patrice Pérez, patrice.perez@cea.fr, or Yasu Yamazaki, yasunori@riken.jp for more information. Please send all applications, including CV, list of publications, description of research interests and skills, and two letters of recommendation to laure.reuter@cea.fr.

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