Post-doc atomic/laser Physics at Niels Bohr Institute, Copenhagen.

The position is initially for one year with a possibility of extension for up to three years. We work mainly on cavity enhanced frequency references and clock system in the laboratory. The applicant would work primarily on our cold strontium systems towards a Sr clock based on cavity-enhanced interrogation of the atoms, as well as superradiant systems with mK to uK atoms in pulsed as well as continuous approaches. In addition to our strontium experiments we are working with Molecular gas cells (Iodide and Acetylene) for clocks and high performance frequency references, optical frequency combs based on microresonators, and stable microwave generation from optical cavities.

The position is available as of now for the right applicant. We are primarily interested in someone with a strong experimental background with either cold atom systems, frequency references or clock experiments. Experience with control electronics and programming is a big plus.

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