

Postdoctoral Researcher Opening – Ultra-stable MEMS clocks

<http://bahl.mechse.illinois.edu>
bahl@illinois.edu

Our group is currently seeking a postdoctoral scholar to conduct research on ultra-stable encapsulated MEMS resonators for timing applications. The work is to be performed on a fast-paced federal grant and will give the candidate significant exposure to PNT projects, in developing a new fabrication process, on integration of ASICs with MEMS, and in managing cross-university collaborations.

Ideal candidates will have strong experience with microfabrication, preferably in the context of SOI-based resonant MEMS. It is also valuable for candidates to have some experience with basic circuit design (e.g. using discrete components) and RF/electronic test and measurement.

The position can begin as early as February / March 2023 but we will certainly extend the timeline for excellent candidates.

Interested candidates should contact Prof. Gaurav Bahl with a complete CV, accompanied by a short paragraph highlighting relevant experience.