9th Symposium on Frequency Standards and Metrology

Contribution ID: 123

Next-Generation Chip-Scale Atomic Clocks

Thursday 19 October 2023 11:30 (30 minutes)

We describe work at NIST to develop next-generation chip-scale atomic clocks based on optical transitions in vapor cells and thermal beams.

Author: KITCHING, John

Co-authors: HUMMON, Matthew (National Institute of Standards and Technology); MCGEHEE, William (NIST); WANG, Ying-Ju (NIST); SCHIMA, Susan (NIST)

Presenter: KITCHING, John

Session Classification: Compact Optical Clocks

Track Classification: Miniature, Portable and Space Systems