Contribution ID: 68 Type: Invited Poster

## A chip-scale atomic beam clock

We have demonstrated a chip-scale atomic beam clock based on a new chip-scale atomic beam platform. The chip-scale beam clock presents a pathway for exceeding the long-term stability of existing chip-scale atomic clocks while maintaining compact and low-power operation.

Author: MCGEHEE, William (National Institute of Standards and Technology)

Co-authors: Ms MARTINEZ, Gabriela (NIST, CU); Dr LI, Chao (Georgia Tech); Mr STARON, Alexander (NIST,

CU); Dr RAMAN, Chandra (Georgia Tech); Dr KITCHING, John (NIST)

Presenter: MCGEHEE, William (National Institute of Standards and Technology)

Track Classification: Miniature, Portable and Space Systems