

Biography – Dr. John Kitching

Dr. John Kitching is the founder and Leader of the Atomic Devices and Instrumentation Group in NIST-Boulder's Time and Frequency Division. He and his group pioneered the development of chip-scale atomic clocks in the early 2000's and he continues to develop and investigate new compact, low-power precision instruments and atomic devices. He received his PhD in Applied Physics from the California Institute of Technology in 1995 and has spent the rest of his career as a guest researcher, staff scientist and group leader in the Time and Frequency Division. He is a Fellow of NIST, a Fellow of the American Physical Society and has won numerous awards including the IEEE Sensors Council Technical Achievement Award, the IEEE UFFC I. I. Rabi Award and the Jack Raper Award from the IEEE International Solid-State Circuits Conference.