Research Focus

1. The interaction of light and atoms
2. Optical nonlinearity
3. The preparation and manipulation of squeezed and entangled states
4. Quantum measurement, computing and communication

Representative Publications

5. ZHANG JunXiang, JIANG QiChang, LIU Chao, ZHANG XinSheng, LIU JinHong, The manipulation of light pulse from subluminal to superluminal propagation in a degenerate two–level Cs atomic system, SCIENCE CHINA Physics, Mechanics & Astronomy, 57(12), 2246 (2014).