

Spontaneous 3D photonic crystals from ferroelectric domains in KTN:Li

Tuesday, 16 January 2024 09:15 (15 minutes)

We discuss our experimental exploration of how spontaneous photonic crystals form supported by polarization supercrystals (PSCs) in near-transition potassium-lithium-tantalate-niobate (KTN:Li) and its implications for topologically-protected photonic waveguides and memory bits.

Presenter: DEL RE, Eugenio (Sapienza Università di Roma)

Session Classification: Sessioni parallele