

National Center for Physical Sciences and Technology, Saulėtekio av. 3, LT-10257 Vilnius, Lithuania.

Thursday, 6 July, room D401

9:35-10:05



Wen-Te Liao

Gravitationally sensitive structured x-ray optics using nuclear resonances

10:10-10:40



Mārcis Auziņš

TBA

11:15-11:45



Teodora Kirova

Azimuthal Dependence of Electromagnetically Induced Grating in a Double V-type Atomic System near a Plasmonic Nanostructure

11:50-12:10



Jacek Dobrzyniecki

Quantum simulation of the central spin model with a Rydberg atom and polar molecules in optical tweezers

14:30-15:00



Hamid R. Hamedi

Optical vortices of slow light using a tripod coherently prepared scheme

15:05-15:25



Edvinas Gvozdiovas

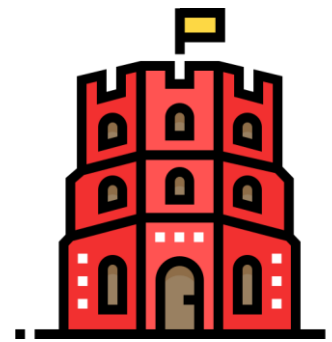
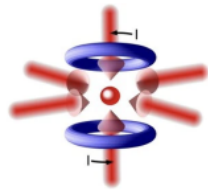
Interference induced anisotropy in a two-dimensional dark state optical lattice

16:00-16:30



Viktor Novičenko

Tilt removing problem in rotational scanning atomic force microscopy



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Friday, 7 July, room D401

9:30-10:00



Ite A. Yu

High-Brightness and Narrow-Linewidth Source of Biphotons Generated from a Hot Atomic Vapor

10:05-10:35



Gyu-Boong Jo

Lossy atoms in a topological band

11:10-11:40



Thomas Busch

Making statistics work in quantum engines

11:45-12:15



Mariusz Gajda

Time-Continuous Measurement of Position and Momentum of a Quantum Particle

14:30-15:00



Domantas Burba

Strong long-range interactions and geometrical frustration in subwavelength Raman lattices

15:05-15:25



Giedrius Žlabys

Emergent topological properties of Kronig-Penney-type models