MAX-PLANCK-INSTITUT FÜR PHYSIK KOMPLEXER SYSTEME

POSTER SESSION

Size for poster walls - Width: 97cm, Height: 250cm

1. Bezugly, Victor (Kharkov)
   Vortex structure in 2D superfluid electron-hole systems in an inhomogeneous magnetic field
2. Dudko, Olga (Kharkov)
   Magnetic frustrations associated with structural defects in 2D easy-plane antiferromagnets
3. Furfaro, Luca (Valbonne)
   Experimental verification of th existende of 'induced optical spatial solitons
4. Golovin, Andrii (Bogota) et all
   1. The evolution of the optical vortices, appearing in laser beams of higher topological indices, passed through the photorefractive crystal of the neobate lithium
   2. Extracting of hidden edge dislocated wave from diffracted patterns
   3. Pecularities of singular beams formation by diffraction gratings
5. Hucht, Alfred (Duisburg)
   Stripe domains in spin systems induced by dipolar interaction
6. Ivanchenko, Yevgeny (Kharkov)
   Backward electromagnetic waves in magnetodielectric
7. Kamppeter, Till (Bayreuth)
   Temperature effects on vortex dynamics in the 2D anisotropic Heisenberg model
8. Kiselev, Vladimir (Ekaterinburg)
   2D-vortices in incommensurate (stripe domain) magnetic structures
9. Kreminskaya Lyubov (Bogota) et all
   Limits of the adaption of the theory of quasicrystals to the optical vortices and patterns formation
10. Meister, Matthias (Bayreuth)
    Stochastic motion of solitons and vortices on spin lattices
11. Michaelis, Dirk (Jena)
    Dynamical localized structures in nonlinear Fabry-Perot resonators
12. Popov, Vyacheslav/Teperik, Tatiana (Saratov)
    Magnetooptical polarization rotation in two-dimensional electron systems under cyclotron-polariton resonance conditions
13. Prilepsky, Jaroslav (Kharkov)
    Normal modes of finite 2D spin systems in a vortex configuration with different types of boundary conditions
14. Rosanov, Nikolay (St. Petersburg)
    2D solitons in passive and active nonlinear optical systems
15. Sheka, Denis D. (Kiev)
    Internal modes and magnon scattering on topological solitons in 2D easy-axis ferromagnets
16. Shevchenko, Sergej (Kharkov)
    Planar vortices in 2D superfluid electron-hole systems
17. Shklovskij, Valerij (Kharkov)
    Nonlinear vortex dynamics in two-dimensional stochastic model of anisotropic pinning
18. Vedmedenko, Elena (Halle)
    The microstructure of spin reorientation transition in 2D magnetic layers
19. Voronov, Vitaly V. (Belgorod)
    Two-dimensional solitons: magnetic vortices in a uniaxial antiferromagnet
20. Zolotaryuk, Yaroslav (Dresden)
    Discrete breathers in spin lattices