NÁNAI LÁSZLÓ (SZTE Kísérleti Fizikai Tanszék)

Physics on femtoscale

Basic principles of lasers Fundamentals of optical properties of solids Laser-material interaction: Basic and elements of nonlinear optics Interaction of ultrashort laser pulses with matter: role of electron and phonon subsystems Ballistic and conductive transports Rising of dember field in a subsurface layers Dynamics of energy distribution between electrons (holes) and phonons Some possible practical applications