

## PROBLEMS OF MODELING THE SHOCK PROCESSES IN RELAXED OPTICS

### Contact Phone

### Abstract

Problems of modeling the volume laser-induced shock phenomena in irradiated matter are discussed. Modified Rayleigh model, Lugovoy-Prokhorov theory of moving focuses and cascade model are used for the explanation the basic peculiarities of these phenomena are used for the explanation represented experimental data.

### Type of Book of Abstracts

**Primary author:** Mr TROKHIMCHUCK, Petro (Lesy Ukrayinka East European University)

**Presenter:** Mr TROKHIMCHUCK, Petro (Lesy Ukrayinka East European University)

**Session Classification:** Laser Physics and Optoelectronics

**Track Classification:** Laser Physics and Optoelectronics