

HiLASE Centre is pleased to invite you to attend the seminar:

# Excitation of acoustic pulse beams under the influence of laser radiation on an absorbing layer of variable thickness

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We have developed a physical, mathematical, numerical and computer model for the excitation of acoustic pulsed beams under the influence of laser radiation on an absorbing layer of variable thickness. Based on the numerical solution of the three-dimensional equations of motion of continuous media in the Lagrange form, the spatiotemporal structure of acoustic beams is studied. We have investigated the regularities of excitation of acoustic signals generated in absorbing nanostructures, parameters of which are selected to provide a given spatial structure.

When: Monday, **03/02/2020 at 14:00**

Where: Seminar room, HiLASE Centre