

# Theoretical and computational studies of the processes of liquid lead dusting under the action of a sequence of shock waves

**Kostyukov S.A.<sup>1,®</sup>, Voytenko O.M.<sup>1</sup>, Zamislov D.N.<sup>1</sup>,  
Panov K.N.<sup>1</sup>, Lebedeva M.O.<sup>1</sup>, Tkachenko B.I.<sup>1</sup>,  
Yavtuchenko A.P.<sup>1</sup>, Kostyukov S.A.<sup>1</sup>, Voytenko O.M.<sup>1</sup>,  
Zamislov D.N.<sup>1</sup>, Panov K.N.<sup>1</sup>, Lebedeva M.O.<sup>1</sup>,  
Tkachenko B.I.<sup>1</sup> and Yavtuchenko A.P.<sup>1</sup>**

<sup>1</sup> Federal State Unitary Enterprise “Russian Federal Nuclear Center—All-Russian Research Institute of Experimental Physics, Mira Avenue 37, Sarov, 607188,

® skostjukov@ya.ru

Theoretical and computational studies of the processes of liquid lead dusting under the action of a sequence of shock waves