

Development of mechanoluminescent thin films for real time stress detectors

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I N V E S T I N G I N Y O U R F U T U R E

Project No: 1.1.1.1/20/A/138

Duration: 01.04.2021. – 30.09.2023.

Project Leader: Institute of Solid State Physics, University of Latvia, Dr. habil. Phys. Donats Millers/ from 01.05.2022. Dr. Phys. Anatolijs Truhins.

Project partner: Sidrabe Vacuum Ltd, B.A.Sc. Matiss Piesins.

31.03.2023

About project implementation (01.01.2023 – 31.03.2023)

During the research period of Project No. 1.1.1.1/20/A/138 " Development of mechanoluminescent thin films for real-time stress detectors", the adaptation of laboratory equipment for planned technological research was continued.

A price survey was conducted for necessary target material procurement. The chosen target materials have been ordered.

Based on the feedback from the LU CFI, data of the parameters of the coated material samples were analyzed and main vacuum technological process trends identified.