

# Shelter for Science

**All photos created by Oleksandr Osipov**

The Institute for Scintillation Materials of National Academy of Sciences of Ukraine (ISMA NAS of Ukraine) is a prominent scientific research a leading scientific and technological center in Ukraine that purposefully conducts a full cycle of research on the search and development of almost the entire range of scintillation materials (which are materials that emit flashes of light when exposed to various forms of radiation, such as X-rays, gamma rays, or charged particles), the creation of methods and technologies for their manufacture, and the adjustment of production for various technical applications.

During 2022 ISMA NAS of Ukraine was also suffering from enemy shelling. Due to this, part of our equipment was damaged, and some are dismantled and hidden in a safe place due to the threat of shelling from Russia. Some experimental samples of scintillators were destroyed and the results were lost. Crystal growth facilities were taken out from the buildings affected by the bombing by Russian warplanes to a safe place under the surface. Most of the crystal growth equipment is already up and running in the new location.

**A new history of scintillators crystal growth under the surface has begun.**