

## Perspective inorganic materials for photonics and energetics

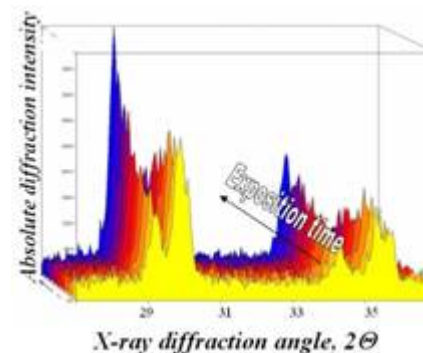
Improved materials for fast scintillators in radiation detectors, materials for ultraviolet and solar light dosimetry, materials and techniques for high-resolution holographic recordings, technique for non-contact mapping of electrical potentials on solid surfaces, composite and ceramics materials for energy storage and chemical sensors, improved glass materials for ultraviolet –transmitting optical fibers.



Dr. Jānis Teteris preparing holographic recording in thin semiconductor films



Spectrometer for studies of optical properties of materials in vacuum ultraviolet range



Lattice parameter changes of rare earth mischmetal (Mm) after exposure of composite Mm:glass to hydrogen atmosphere.