

New Organic Scintillators

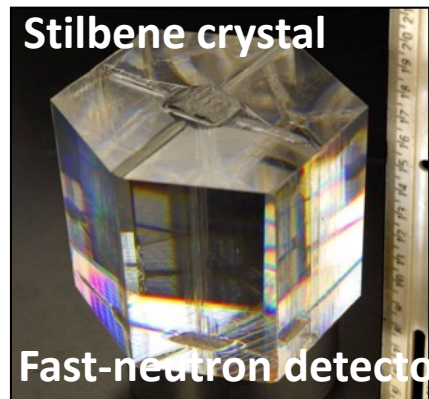
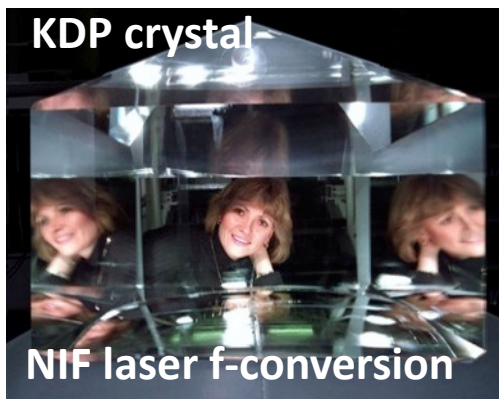


Research Overview

- Growth of new single crystals *from solution*
- Development of polymerization processes for production of optical grade plastics
- Studies of optical and scintillation properties of solid-state materials (crystals, plastics)
- Optical and radiation detection applications

Potential Collaborations

- Material science
- Synthesis and characterization of organic and metal-organic compounds
- Crystal Growth
- Structural studies of solid-state materials
- Synchrotron and X-ray science
- Optical and fluorescence spectroscopy
- Nuclear interactions in solid-state materials
- Radiation detection studies
- Detector development
- Gamma / neutron discrimination



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