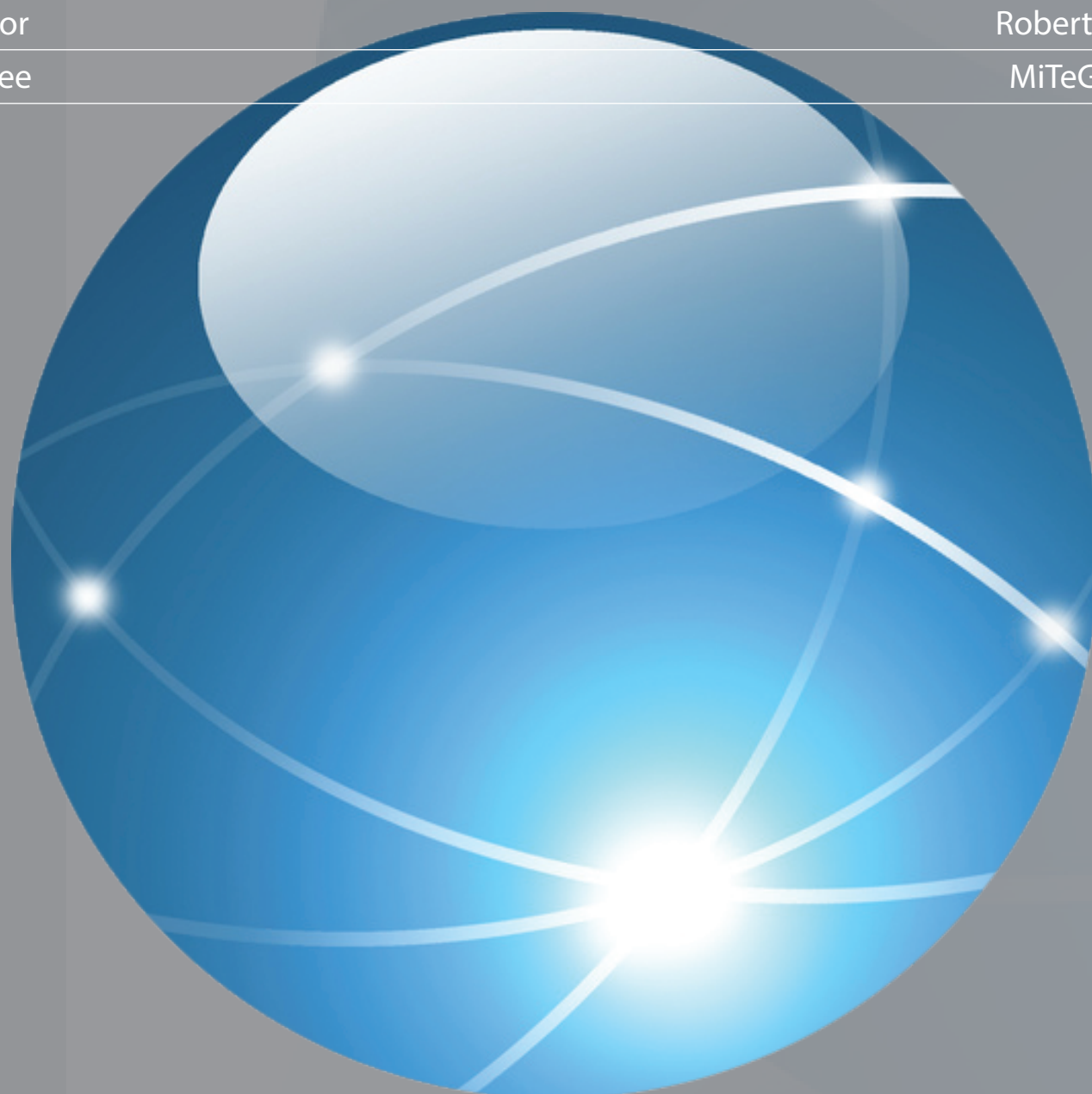




## THE TECHNOLOGY

A new approach to crystal mounting, handling and X-ray data collection based on microfabricated polyimide thin films. This patented design provides an excellent combination of X-ray and optical transparency, mechanical rigidity and flexibility, and precision dimensions.

Patents	US 7,263,162, US 7,542,546
Issued	Aug 28, 2007, Jun 2, 2009
Inventor	Robert Thorne
Licensee	MiTeGen, LLC



## THE PRODUCTS

### MicroMounts™

MicroMounts™ are the highest performance tools for manipulating and mounting protein crystals, virus crystals, and small molecule/inorganic crystals, as well as, a wide range of other small, fragile samples. They are ideal for both conventional and high-throughput X-ray crystallography applications.

### MicroMesh™ Mounts

MicroMesh™ Mounts are the tool of choice for microcrystal crystallography and diffraction experiments, especially at microfocus beamlines. They have been used in de novo protein structure determination from crystals as small as 5  $\mu\text{m}$ . They are excellent for rod shaped crystals, and in particular are superior to mounts with elliptical apertures, because the mesh provides continuous, gentle support for rods of all sizes. MicroMeshes produce the smallest background scatter of any commercial mount. Their sieve-like action allows easy retrieval of sub-30  $\mu\text{m}$  crystals.