

## **W0005**

**High Throughput Crystallization of Small Molecules.** Victor Rosso, Glen Young, Anne Song, Joseph Nolfo, Carolyn Pommier, Mandar Dali, Kevin Volk, Erik Rubin, Jon Hilden, Shawn Yin, John Venit, Chemical Technologies, Bristol-Myers Squibb, One Squibb Dr., New Brunswick, NJ 08903.

High Throughput Crystallization (HTC) tools and techniques were investigated at Bristol-Myers Squibb to enable a broad array of parallel crystallization experiments. Various experimental techniques that ranged from the  $\mu\text{g}$  to multi-mg scale were studied to ultimately afford a system that enables small scale parallel crystallization studies in quartz 96-well plates. The development of the small volume crystallization techniques, sample to instrument interfaces and a review of instrumentation will be presented.