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**Exploratory Crystal Growth Using Metal Fluxes**

**Abstract:**

Discovery of novel phases in the laboratory is often serendipitous and not always predictable. However, certain techniques have proven useful in the search for new phases. An overview of our activities in the discovery and crystal growth of novel phases in our laboratory will be presented, with examples of new (and known) phases that have been structurally characterized.

*Hosted by Professor Brent Melot*

*The scientific community is invited*