

ANNOUNCEMENT

An International Symposium on *Decomposition of Organometallic Compounds to Refractory Ceramics, Metals and Metal Alloys* will be sponsored by the Ceramics and Graphite Branch, Air Force Materials Laboratory, Wright-Patterson Air Force Base, Dayton, Ohio. The meeting consisting of six sessions will take place at the Sheraton-Dayton Hotel (formerly Dayton Biltmore), Dayton, Ohio from 28-30 November 1967. It is planned to publish the proceedings in book form shortly after the meeting takes place.

The registration fee will be \$25.00, which includes a banquet and a copy of the published proceedings to the registered attendees of the meeting.

The following topics are included in the scope of the symposium :

1. Synthesis and reaction mechanisms of refractory metal alkyl, aryl, carbonyl, β -diketone and alkoxy (substituted or unsubstituted) compounds.
2. Thermal or hydrolytic decomposition of organometallics to high purity ceramics (borides, carbides, nitrides, oxides and silicides), refractory metals and metal alloys.
3. Structure analysis by X-ray, IR, TGA, DTA, NMR, UV absorption, luminescence, and mass spectrometry of new and novel organometallic compounds.
4. Potential applications of the organometallic chemistry in future research and development.

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