

E i n l a d u n g z u m K o l l o q u i u m

Am Mittwoch, den 19. Juni 2013, 17:00 Uhr, spricht

Herr Professor Dr. Frank Uhlig

Technische Universität Graz, Institut für Anorganische Chemie

zum Thema:

Organosilanes and -stannanes - Old Building Blocks for Novel Materials?

In contrast to silicon- and tintrihydrides the corresponding organo-tin dihydrides and organo-silicon dihydrides are well established building blocks for a wide range of applications, displaying sometimes unusual properties.

Beside a brief overview about literature known examples, series of novel aryl substituted tin- and silicon derivatives will be presented, synthesized by using hydrides as starting materials. The resulting silicon and tin compounds will be compared and discussed regarding their structural as well as spectroscopic properties. The use of aminopropyl tin compounds in catalysis is also reported, especially in comparison with the recently banned dibutyltin dilaurate (DBTL).

Furthermore, the use of such hydrides for the formation of novel tin and silicon materials will be shown.

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Alle Interessenten sind zu diesem Vortrag herzlich eingeladen.

Prof. Dr. C. Schneider
Dekan

Die Professoren des Institutes
für Anorganische Chemie