

Physikalisch-Chemisches Kolloquium / CeNS Vortrag

Am Freitag, den 10. Dezember 2004 um 15:30 Uhr

spricht **Prof. Dr. Rüdiger Iden**

Polymerphysik BASF Aktiengesellschaft, Ludwigshafen

über "**Materials Research today - Much ado about Nano?**"

im Department Chemie und Biochemie, Baeyer-Hörsaal

Butenandtstr. 5-13, Haus F, D-81377 München.

Abstract:

Nanotechnology has become the buzzword of the early 21st century. But behind this hype there is a real tremendous number of opportunities to reinvent our words of medicine, electronics and materials. We believe that Nanoscience will deliver an ever-growing toolbox to satisfy the customer needs as well as social demands with new or even revolutionary solutions. In this lecture I will give examples how a big chemical company incorporates this cross-disciplinary approach in

- * Polymer dispersions
- * Materials and skin protection
- * Efficient laundry systems
- * Energy storage
- * more efficient formulations
- * Superhydrophobic systems
- * Better thermal insulation, among other examples

Für die Dozenten des Lehrbereiches Physikalische Chemie: Prof. Dr. C. Bräuchle