



University of Nova Gorica

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INVITATION TO »SCIENTIFIC EVENING«

***New materials –
where chemistry and materials science meet***

prof. dr. Ulrich Schubert
*head of the Institute of Materials Chemistry,
Vienna University of Technology, Austria*

Thursday, 11. 12. 2008 at 19:00
mansion Zemono near Vipava
*(moderator: prof. dr. Gvido Bratina, dean of the School of Applied Sciences,
University of Nova Gorica)*

New materials are the basis for new technologies. To overcome the limits of traditional materials, new materials concepts are needed. An example is inorganic-organic hybrid materials. Combination of inorganic and organic building blocks on a molecular scale results in properties between that of purely organic (polymers, molecular materials etc.) and purely inorganic materials (glass, ceramics, etc.). In order to obtain the desired “tailor-made” property profiles, the reactivity and functionality of the molecular precursors must be carefully tuned. This offers the opportunity to design chemical strategies for the synthesis of materials with pre-defined properties.

Kindly invited!