

## VABILO NA PREDAVANJE / INVITATION TO THE LECTURE

### Prof. Christian Slugovc

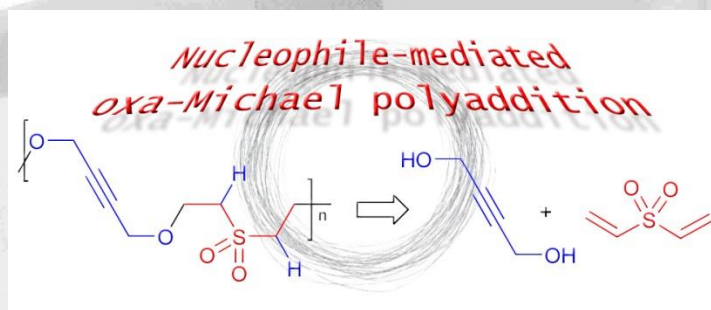
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Stremayrgasse 9, 8010 Graz, Austria

**sreda / Wednesday, 11. 5. 2016, ob / at 13:00**

**Velika predavalnica Kemijskega inštituta / Lecture Hall at the  
National Institute of Chemistry; Hajdrihova 19, Ljubljana**

### Nucleophile mediated oxa-Michael addition polymerization

ABSTRACT:



This research aims at the advancement of Michael addition polymerization methodologies. In particular the substitution of thiols for alcohols is intended and first steps towards this goal will be presented. The substitution of thiols for alcohols would be desirable for the fact, that much more alcohols are readily (and commercially) available than thiols. Moreover, inherent drawbacks of thiols, such as their tendency to give oxidative disulfide formation, their (often) bad odor and toxicity as well as their propensity to oxidize to give sulfones and sulfoxides in the final materials could be circumvented. The challenge here is that alcohols are less acidic and less nucleophilic than thiols.

**Vljudno vabljeni! / Kindly invited!**