



*University of Nova Gorica, Graduate School*

---

*doc. dr. Urška Lavrenčič Štangar*  
*Vipavska 13, p.p. 301, SI-5001 Nova Gorica, Slovenia, tel.:05 3315 241, fax:05 3315 296, e-mail: urska.lavrencic@p-ng.si*

## **INVITATION TO THE LECTURE**

### ***Chemistry for a sustainable development. Some recent advances in the halogenations of organic compounds under green reaction conditions***

***Dr. Stojan Stavber***

*Laboratory for Organic and Bioorganic Chemistry, Jozef Stefan Institute, Ljubljana; stojan.stavber@ijs.si*

***Thursday, 21. 2. 2008 at 15:00***

*Lecture hall 201, Via della Croce 3, Gorizia, Italy*

#### ***Lecture will be held in English:***

*A sustainable development is of crucial importance for the quality of life on our planet. Growing concerns about this fact has a considerable effect on modern research and scientific trends in chemistry, especially organic chemistry. Green chemistry and its principles is ruling developments of new or revisions of already known protocols for the synthesis of organic compounds.*

*Some recent advances in selective halogenations of organic compounds under green reaction conditions will be presented and discussed:*

- fluorination, bromination and iodination “in” or “on” water and under solvent-free reaction conditions*
- oxidative bromination or iodination using eco-friendly oxidants like hydrogen peroxide or air oxygen*
- chlorination and bromination over fluorous membrane.*

***Kindly invited!***