



# NIS Colloquium and IDECAT Meeting

## Structure and Activity of Fe centers in Heterogeneous and Homogeneous catalysis

Torino, September 27-28, 2007

Dipartimento di Chimica IFM, Via Giuria 7, 10125 TORINO

### PROGRAM

**September 27, 14:30 – 18:30 – Room: “Aula Diagonale”**

- 14:30-18-30 **A. Zecchina** – NIS, Università di Torino  
*State of the art in Fe-ZSM5 characterization*
- M. Rivallan** – NIS, Università di Torino  
*Fe-MFI activity in de-N<sub>2</sub>O and characterisation by NO<sub>x</sub> interactions*
- B. Bromley and L.Kiwi-Minsker** – EPFL, Lausanne  
*TAP and Transient Response Study of N<sub>2</sub>O Decomposition over Fe-ZSM-5*
- Break**
- C. Coperet** – CNRS Lyon  
*Towards well-defined Fe silica supported catalysts*
- E.J.M. Hensen** – Schuit Institute of Catalysis, Eindhoven University of Technology  
*Title not yet available*

**September 28, 9:30 – 13:30 – Room: “Aula Cannizzaro”**

- 9:30-12:30 **Z. Sobalik** – Hyerovsky Institute of Catalysis, Prague  
*Oscillation effects in N<sub>2</sub>O decomposition over Fe/Pt-FER*
- G. Martra and G. Berlier**– Università di Torino  
*Low loaded Fe/oxides systems: effective catalysts for selective oxidations and challenging tools for the investigations of the ions-support interaction*
- B.Sels**– Univ. Leuven  
*Selective oxidations with nitrous oxide*
- Break**
- D.Berthomieu**– Univ. Montpellier  
*First Principle N<sub>2</sub>O Decomposition on Binuclear Oxygen Bridged Iron Sites in Fe-ZSM-5*
- F. Turci** – “G.Scansetti” Centre, Univ. di Torino  
*The role of Surface Iron in the Toxicity of Inhaled Fibres and Particles*
- Discussion and Conclusions**