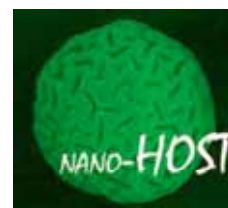


NanoHOST Workshop  
**SINGLE SITES in  
HETEROGENEOUS CATALYSIS**  
Milan, 28-29 September 2009

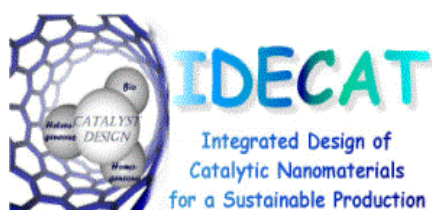


## Programme of the Workshop

### Monday, September 28, 2009

12:00 – 14:00	Registration Welcome Buffet Lunch	
14:00 – 14:15	Opening <i>Pierluigi Barbaro</i>	NANO-HOST Coordinator ICCOM-CNR, Firenze, Italy
14:15 – 15:00	Single-site catalysts and their characterization <i>Adriano Zecchina</i>	Università di Torino, Italy
15:00 – 15:45	Surface organometallic chemistry and preparation of single-sites catalysts <i>Fernando Rascon</i>	LCOMS CPE-Lyon Villeurbanne, France
15:45 – 16:15	Coffee Break	
16:15 – 16:35	MW-effect versus thermal effect on the post-calcination functionalization of MCM-41 silica and its application as catalyst in flow chemistry <i>Manuela Oliverio</i>	Università degli Studi Magna Graecia, Germaneto (Cz), Italy
16:35 – 16:55	Characterization and catalytic properties of highly dispersed vanadium-containing mesoporous silica catalysts prepared by direct synthesis method <i>Marco Piumetti</i>	Politecnico di Torino, Italy
16:55 – 17:15	Grafted Ti(IV) single-site catalysts for the selective epoxidation of alkenes <i>Elena Gavrilova</i>	ISTM-CNR, Milano, Italy
17:15 – 18:00	High-throughput experimentation in catalysis <i>Paolo P. Pescarmona</i>	K U Leuven, Belgium

*The Workshop is jointly organised with IDECAT European NoE and ERIC*



## Tuesday, September 29, 2009

09:00 – 09:45	Single-site heterogeneous catalysts & their relevance to Green Chemistry <i>Robert Raja</i>	University of Southampton, United Kingdom
09:45 – 10:30	Characterization and catalytic activity of single isolated Lewis-acid Sn sites in solid catalysts <i>Michael Renz</i>	UPV-CSIC, Valencia, Spain
10:30 – 11:00	Coffee Break	
11:00 – 11:20	Immobilization of Rh-complexes on Pd nanoparticles within mesoporous silicas for hydrogenation reactions <i>Claudio Pirovano</i>	Università di Milano, Italy
11:20 – 11:40	Heteropoly acids encapsulated into Cu <sub>3</sub> (BTC) <sub>2</sub> metal organic frameworks <i>Sneha R. Bajpe</i>	K U Leuven, Belgium
11:40 – 12:00	Influence of the support on the structure and properties of Fe ions in microporous matrices: Fe-AlPO-5 case study <i>Muthusamy Vishnuvarthan</i>	Università di Torino, Italy
12:00 – 12:45	Single-site catalysts for enantioselective synthesis <i>José Maria Fraile</i>	ICMA-CSIC, Zaragoza, Spain
12:45 – 13:30	Single sites in polymerizations <i>Incoronata Tritto</i>	ISMAL-CNR Milano, Italy
13:30 – 14:00	Closing and Lunch ( <i>on request</i> )	

The participants who will have lunch on Tuesday 29 at the workshop venue are kindly asked to send an e-mail message to [single.sites@istm.cnr.it](mailto:single.sites@istm.cnr.it) and confirm their presence. The lunch on Tuesday 29 is included in the registration (free of charge).

*In partnership with*

