

# 1st Workshop of the Inter-University Cooperation Programme of the Spanish Agency for International Development Cooperation: Chemistry in Ethiopia



October 27<sup>th</sup> – 28<sup>th</sup>, 2011

College of Natural Sciences, Arat Kilo, Addis Ababa University  
Conference Hall 9<sup>th</sup> Floor Graduate Building

## Organizing committee:

Dr. Isabel Díaz

Instituto de Catálisis y Petroleoquímica, CSIC  
Chemistry Department, AAU

Dr. J. Manuel Recio

Dr. José Manuel Menéndez Montes

MALTA-Consolider Team ([www.malta-consolider.com](http://www.malta-consolider.com))  
Universidad de Oviedo

## Day 1

### 9:00h: Welcoming Speech

Dr. Isabel Díaz

Instituto de Catálisis y Petroleoquímica, CSIC  
Chemistry Department, AAU

Presentation of the Culture and Development  
Section, OTC/AECID, Embassy of Spain in  
Ethiopia

### 9:30h: Zeolites for sustainable development

Prof. Joaquín Pérez Pariente  
Director of Instituto de Catálisis y  
Petroleoquímica, CSIC

### 10:30h - 11:00h: Coffee/Tea Break

### 11:00h: Scientific Computation for Basic and Applied Chemistry

Prof. José Manuel Recio  
Universidad de Oviedo

### 12:00h - 14:00h: lunch

### 14:00h: Zeolites in catalysis

Dr. Enrique Sastre  
Instituto de Catálisis y Petroleoquímica, CSIC

### 14:30h: Effect in dopant incorporation in zeotypes

Dr. Luis Gómez Hortigüela  
Instituto de Catálisis y Petroleoquímica, CSIC

## Day 1 (cont.)

### 15:00h - 15:30h: Coffee/Tea Break

### 15:30h: Computational strategies for simulation of solids at extreme conditions

Dr. José Manuel Menéndez  
Universidad de Oviedo

### 16:00h: Thermal effects in crystals

Mr. David Abbasi Pérez  
Universidad de Oviedo

### 16:30h: Concluding Remarks

Dr. Ahmed M. Mohammed  
Chemistry Department, AAU

## Day 2

### 9:00h – 12:00h: Hands – on session on Computational Chemistry

9:00 – 10:00: Introduction to Linux

10:00 – 10:30: Networking and connectivity

10:45 – 12:00: Applications

Prof. José Manuel Recio  
Dr. José Manuel Menéndez  
Mr. David Abbasi Pérez  
Universidad de Oviedo



Universidad de Oviedo



Vicerrectorado de Internacionalización y Cooperación al Desarrollo



# CSIC

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS  
Instituto de Catálisis y Petroleoquímica

## Zeolites in Ethiopia: an untapped resource (PCI C/030766/10)

Chemistry Department, AAU

Dr. Yonas Chebude  
Dr. Ignacio Villar  
Mr. Wondimagegne Mamo  
Mr. Negash Getachew

Universidad de Oviedo

Dra. Isabel Díaz  
Prof. Joaquin Pérez-Pariente  
Dr. Enrique Sastre  
Dr. Luis Gómez Hortigüela

## Theoretical and Computational Chemistry as a key tool for basic and applied chemistry (PCI C/032590/10)

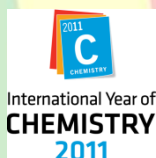
Chemistry Department, AAU

Dr. Ahmed M. Mohammed  
Dr. Yonas Chebude

Universidad de Oviedo

Prof. José Manuel Recio Muñiz  
Dr. José Manuel Menéndez Montes  
D. David Abbasi Pérez

## 1st Workshop of the Inter-University Cooperation Programme of the Spanish Agency for International Development Cooperation: Chemistry in Ethiopia



October 27<sup>th</sup> – 28<sup>th</sup>, 2011

College of Natural Sciences, Arat Kilo, Addis Ababa University  
Conference Hall 9<sup>th</sup> Floor Graduate Building

### Organizing committee:

Dr. Isabel Díaz  
Instituto de Catálisis y Petroleoquímica, CSIC  
Chemistry Department, AAU

Dr. J. Manuel Recio  
Dr. José Manuel Menéndez Montes  
MALTA-Consolider Team ([www.malta-consolider.com](http://www.malta-consolider.com))  
Universidad de Oviedo