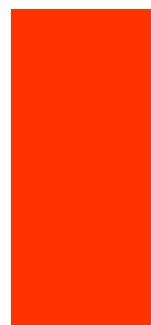


# International Conference on Chemical Education



**Rome, Italy - July 15-20, 2012**

**Liberato Cardellini**

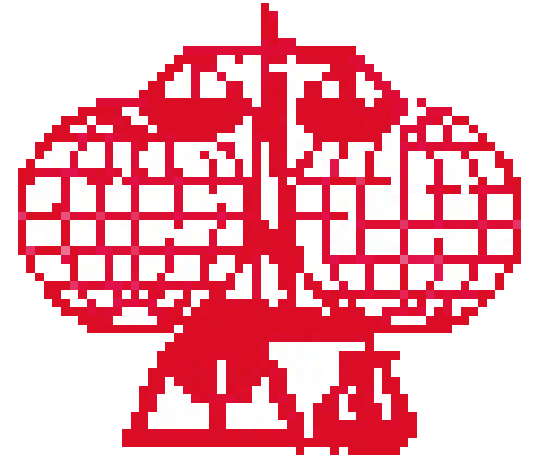
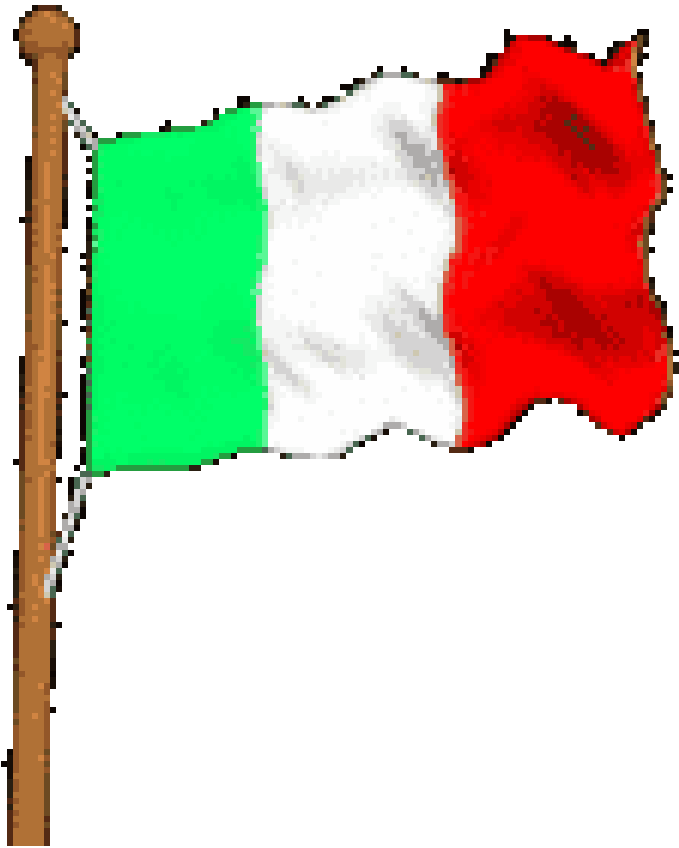
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**libero@univpm.it**

# ICCE 2012



# Rome, Italy - July 15-20, 2012



# VENUE

**1 Hotel Torrerosa**

**2 CNR's Conference Room**

**3 La Sapienza University**

# Rome 2012





# Rome 2012



# Rome 2012



# Rome 2012





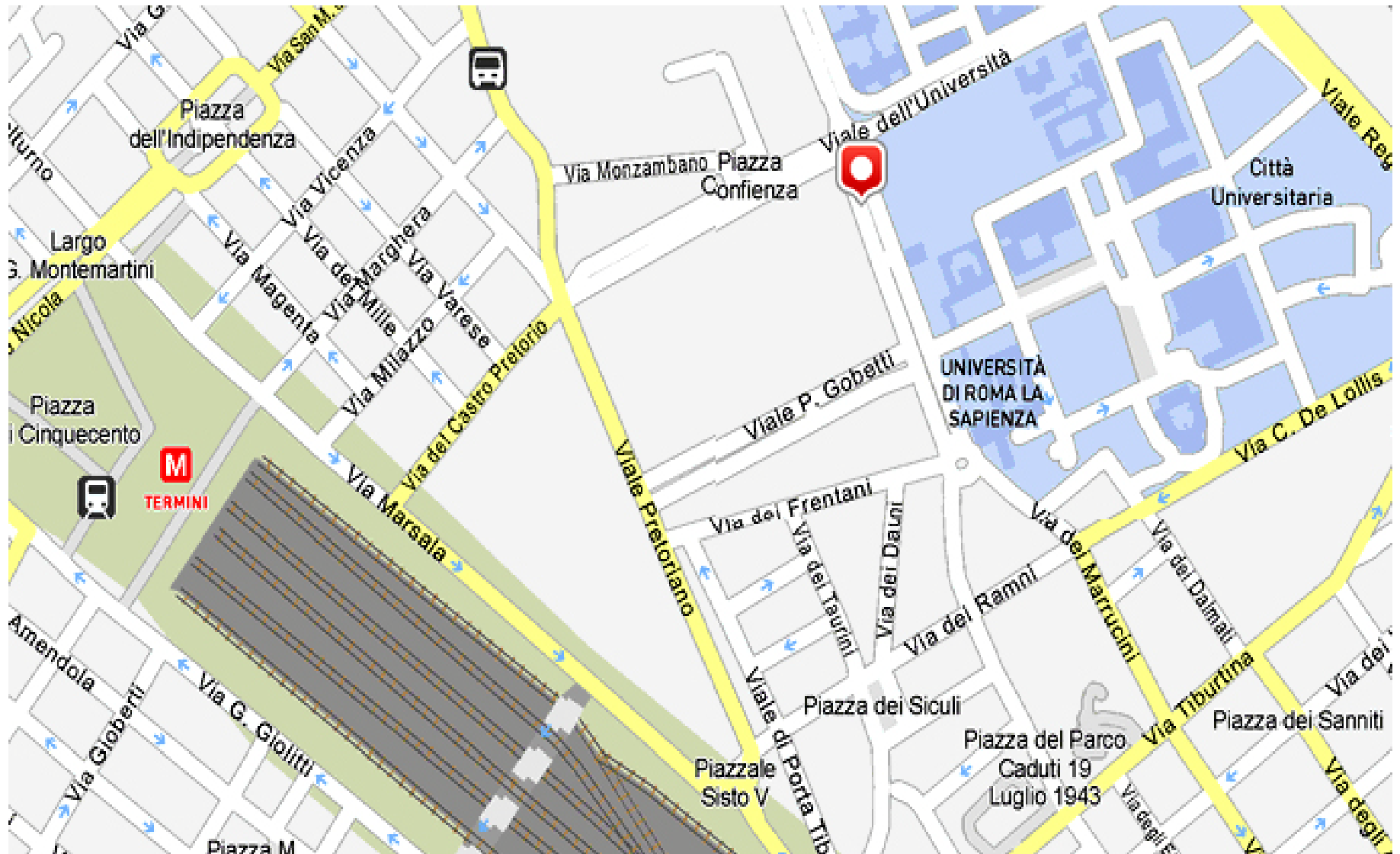
# VENUE



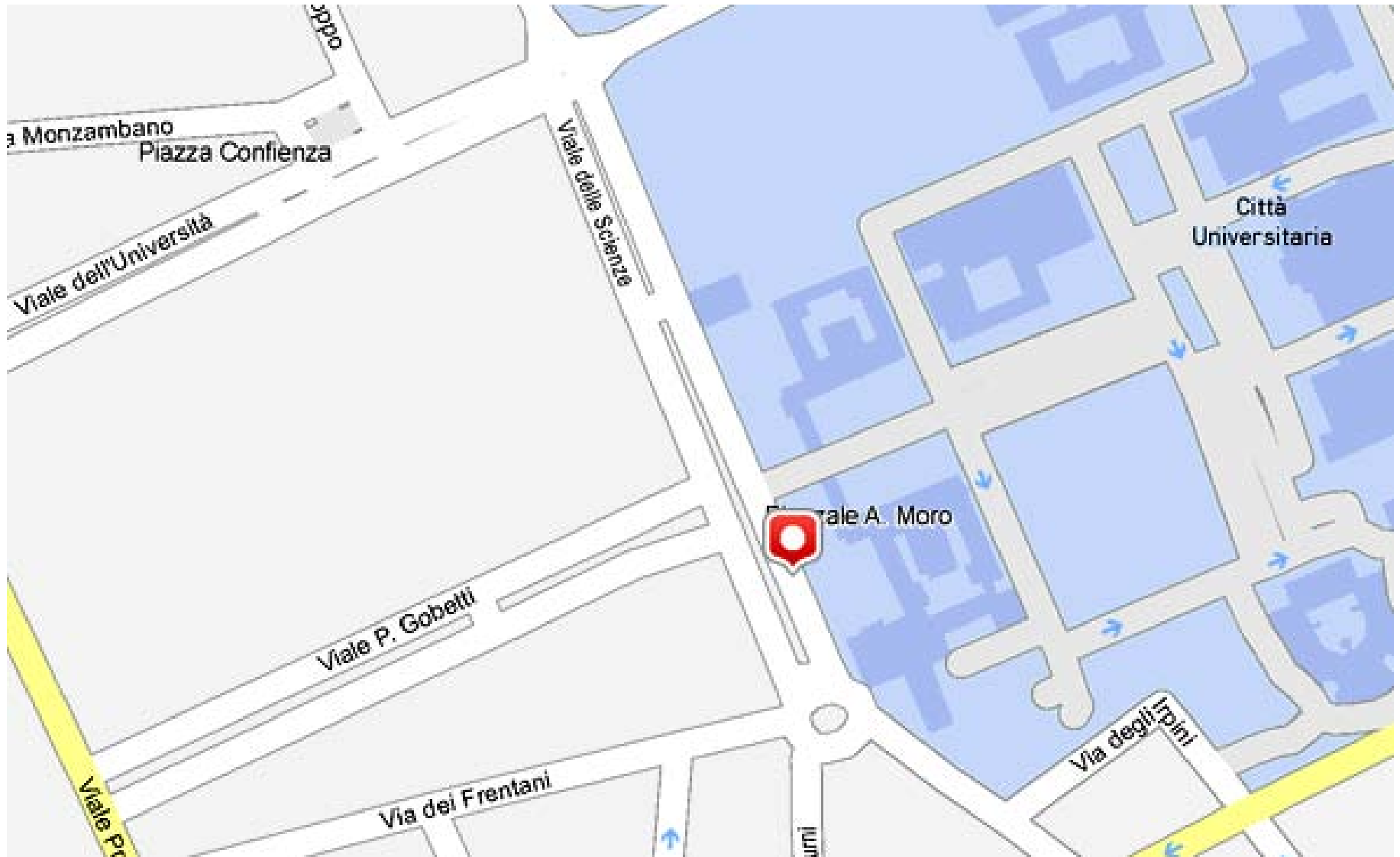
# VENUE



# VENUE



# VENUE



# The venue



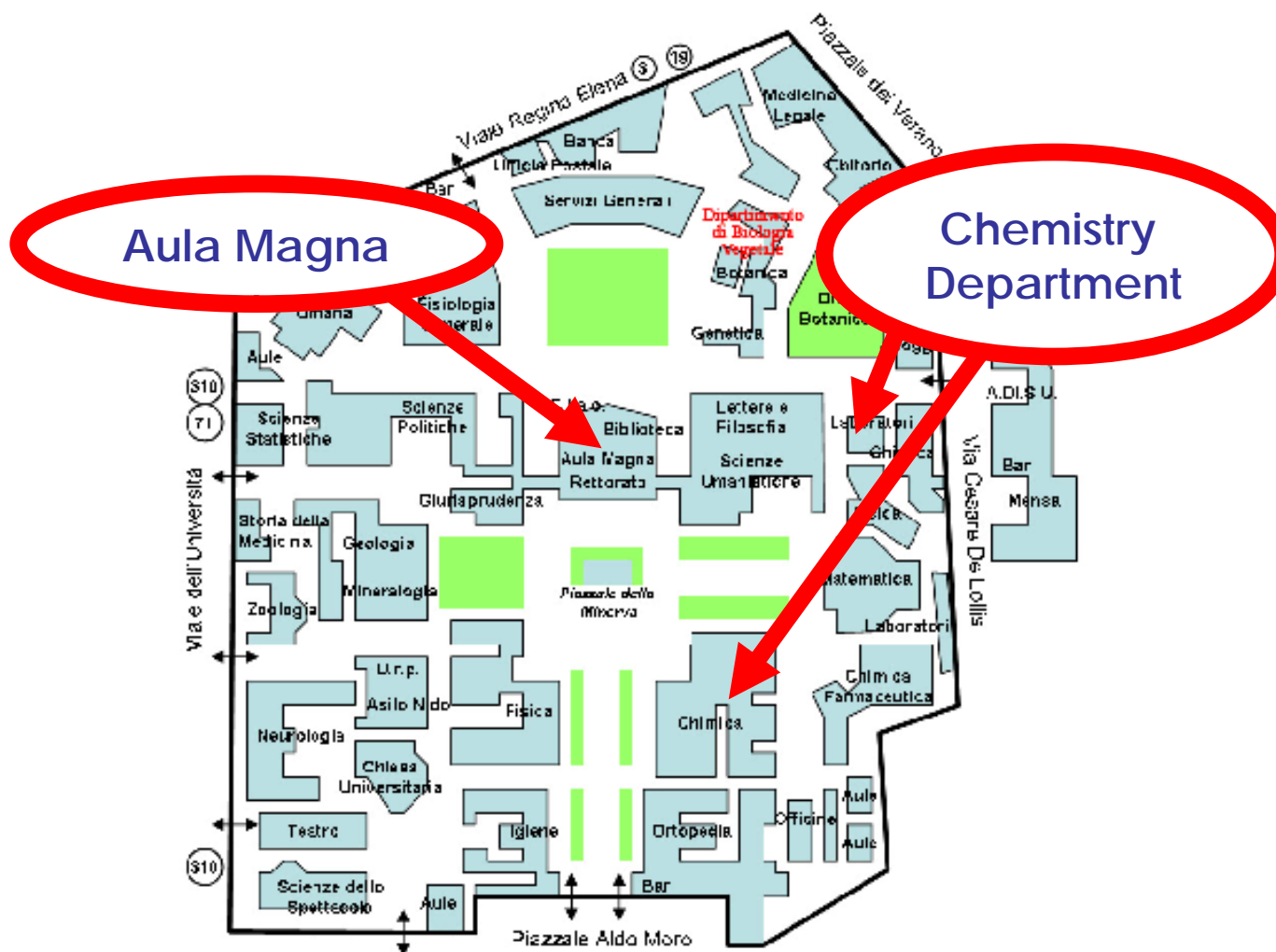
SAPIENZA  
UNIVERSITÀ DI ROMA



1500 seats, fully equipped, A/C “aula magna”  
Department of Chemistry:  
Halls: 4 x 200, 4 x 100 seats  
Laboratory space  
Multimedia room  
Wideband connection to internet



# La Sapienza









# Aula Magna La Sapienza



# facilities



## Centro Universitario Regina Mundi





# Casa dell'Aviatore



# **(Tentative) Theme**

**A problem we have is that less and less students are attracted by chemistry. On the other hand we need the best and brightest**

**According to Johnstone, "We Can't Get There from Here" (J Chem Educ, 2010, 87, 22-29). He suggests a different and rational approach: changes in the curriculum and maybe much more motivated teachers**

# Theme

**Stimulating reflection  
and catalyzing change**

# Programme

Time	Sunday	Monday	Tuesday	Wed.	Thursday	Friday
09:00-09:50		Opening Ceremony		Conference Tour		
9:50-10:10						
10:10-11:00						
11:00-11:10						
11:10-12:00						
	Registration					
14:30-14:50						
14:50-16:20						
16:20-16:30						
16:30-18:00						Closing Ceremony
18:00-18:30						
18:30-						

**Plenary speakers**

**Keynote speakers**

**Oral communications**

**Workshops**

**Lab hands on**

**Posters' session**





# Topics



Results of chemical education research and reports on evidence-based and/or research-informed practice:

- Sharing and disseminating chemistry and chemical education knowledge
- Teaching and learning chemistry/science at the secondary and tertiary level of education (general and vocational schools)
- Practices that foster the enhancement of students' science attitude
- Life long learning in chemistry
- New technologies in chemical education. Sharing the diverse uses of multimedia in classes. E-learning and Innovative Instructions.

# Topics



- Laboratory work (Micro-scale chemistry lab, meaningful practice, safety issues)
- Promoting the globalization of Chemical Education
- Chemistry/science teachers' education (pre- and in-service training)
- Teaching chemistry/science to students with diverse abilities (teaching gifted student, teaching students with learning difficulties)
- Critical analysis of chemistry textbooks and curricula
- Assessment and alternative assessment of teaching and learning chemistry
- Green chemistry and environmental chemistry education

# Topics



- Ethical issues in chemistry education and in research
- Chemistry and Society: promoting the public understanding of chemistry
- History and philosophy of chemistry / science
- International programmes and projects in chemistry/science education
- Chemistry and industry
- Meaningful experiences during the 2011 IYC
- **A new chemistry curriculum for meaningful learning**

# Registration Fee

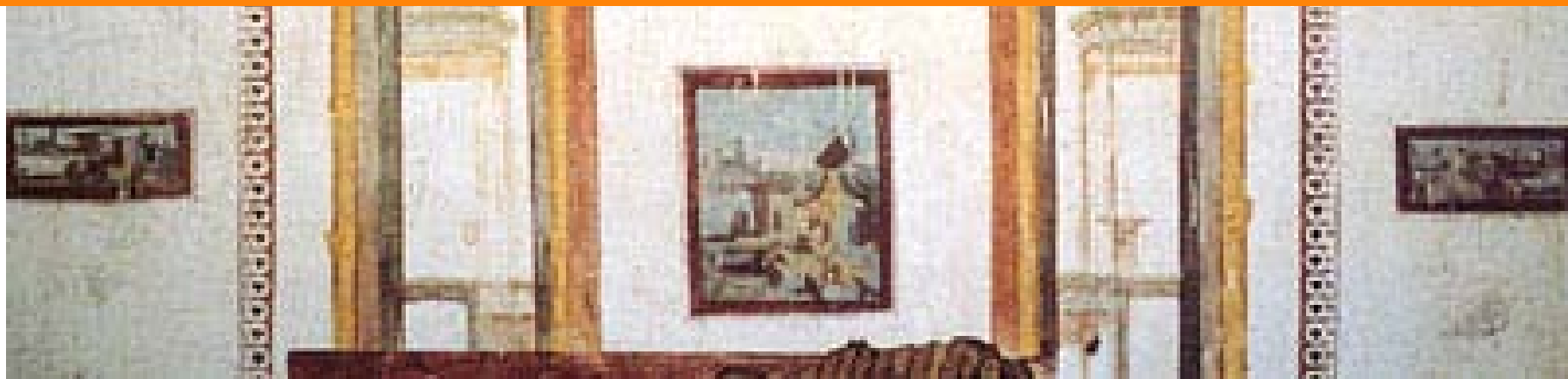
- **Seoul 2006: 330 €**
- **Mauritius 2008: 400 €**
- **Taiwan 2010: 450 €**
- **Roma 2012: 350-450 €**



# Web Site



<http://www.22icce.org/>





# **Suggestions from ECRICE**

**Round table discussion**

**Abstract for non-participants**

**Virtual pre-conference**

**Proceedings in electronic format**

# Excursions



While in Rome: possibility of guided tours to selected sites

## Optional pre/post conference tours:



**1 day to  
Florence**



# 3 days to Sicily





# On the Giotto's footsteps

2 days to Assisi,



Optional pre/post  
conference tours:



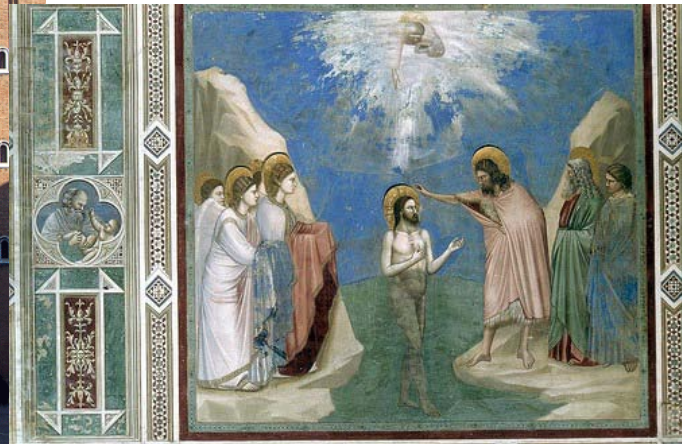


# On the Giotto's footsteps



Venice

Padua





# Arrivederci a

