Conference Fees

All Delegates booking after
15 February 2010: 550 Euros

Authors, Committee members,
full time students, retired persons
booking before
15 February 2010: 450 Euros.

All other Delegates booking before
15 February 2010: 495 Euros.

Committee Members
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Peter Claisse, Coventry University
Tarun R. Naik,
UWM Center for By-Products Utilization
Eshmaiel Ganjian, Coventry University
Rudolph N. Kraus,
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www.uwm.edu/dept/cbu/ancona.html
June 28 - June 30, 2010

The construction materials industry is a major user of the world's resources. While enormous progress has been made towards sustainability, the scope and opportunities for further improvements are significant. The focus of this conference series is to highlight case studies and research that show new and innovative ways of achieving sustainability of construction materials and technologies.

This second international conference has been planned after the successful First International Conference on Sustainable Construction Materials and Technologies, which was conducted in Coventry, U.K., on June 11-13, 2007. Over 190 papers from 45 countries were published and presented. The conference was attended by government officials, engineers from government and private industry, engineering faculty and students, materials suppliers, construction companies, and others. While the conference highlighted current practice and research in sustainable construction materials, it also showed that more research and implementation work remains to be done in this area. Therefore, the second international conference has been planned for June 2010 to continue this technology transfer effort.

Call for Papers
Papers are invited on all the different materials that are used in construction including aggregates, bitumen, cementitious materials (portland cement, blended cements, fly ash, wood ash, rice-husk ash, MSW ash, slag, silica fume, natural pozzolans, powdered glass, and other similar materials), concrete, glass & ceramics, gypsum, lime, masonry, metals, plastics, rock, timber, and other materials of construction. Papers on paints, adhesives, preservatives, and preservation processes are also welcome.

Themes
Carbon Credits
Carbon Dioxide Sequestration
Designing structures with sustainable materials.
Embodied energy from production.
End of life-materials that can be demounted/deconstructed and reused or recycled.
Energy requirements for transport and use.
Energy management during construction.
Energy management during use of the buildings and infrastructures.
Greenhouse gas reduction.
Life cycle analysis.
Making construction materials durable.
Maintaining quality and durability while achieving sustainability.
Maintenance and repair technologies for sustainability of buildings and infrastructure.
Mass balance - sources and final destinations of materials.
New materials production and construction technologies using innovative materials.
Recycling of municipal solid waste (MSW).
Sustainability, quality, and public perception.
Use of recyclable by-products in construction materials.
Innovative and non-traditional materials.

Author Instructions
Abstracts should be 200 - 300 words and should be submitted by e-mail. All abstracts must include: Name and affiliation of all authors; Full postal-mailing address of all authors; E-mail address of all authors; and, Telephone number of all authors.

The main proceedings will be a peer-reviewed published book. We plan to make the full text of the papers available on the Internet after the conference. The 10 best papers will be selected by a committee and published in the ASCE Journal of Materials in Civil Engineering.

The conference language will be English.

Deadlines
Submission of Abstracts: April 17, 2009
Notification of acceptance of abstracts: May 31, 2009
Submission of papers for review: October 17, 2009
Submission of papers incorporating reviewers comments: January 11, 2010
Conference: June 28 - June 30, 2010

Sponsors and Exhibitors
Potential Sponsors and Exhibitors should contact Peter Claisse p.claisse@coventry.ac.uk or Tarun R. Naik tarun@uwm.edu now to gain maximum advantage from the publicity.

Venue
The conference will be held at the Università Politecnica Della Marche, Ancona, Italy. Ancona is on Italy's beautiful east coast on the Adriatic sea. The city airport has direct flights from the UK and other European centers. Rome airport is about three hours by car from Ancona. Ancona was settled in the 4th Century BC by Greek colonists from Syracuse. Later, the Romans exploited its sheltered anchorage and in 115 AD, the harbour walls were built under the Roman Emperor Trajan. The streets of the old town show the influence of the Greek, Roman, Byzantine, and Venetian empires.

Accommodation
The city has a wide range of hotels including budget options. We are negotiating special rates for delegates and will post them on the conference web site: www.uwm.edu/dept/cbu/ancona.html

Social Programme
We plan the following:

Sunday, June 27: Pre-conference city tour.
Monday, June 28: To the Adriatic, Portonovo beach in the morning, and shopping in the afternoon
Tuesday, June 29: Caves of Frasassi and Camerino, and the Ducale Town.
Wednesday, June 30: Boat trip from the port of Numana to the beaches of Conero mountain and then to the basilica at Loreto.
Thursday, July 1: Trip to St. Francis of Assisi, Umbria to visit the 12th century basilica and its world-famous frescos by Giotto.