

## The Seminar

The application of composite materials in structural industrial components of large volume production is strongly growing year by year due to both increase in the demand and continuous improvements in the manufacturing processes associated to the reduction of the production cost. This highlights the need of reliable tools for an effective and safe design of composite components. For the complete and proper exploitation of composite materials further efforts are therefore required and the seminar aims to give a contribution in this direction, representing first of all a forum for researchers, scientist, engineers and designers, both of academic and industrial field, for exchanging ideas, proposing new solutions or even to put on the table questions still open. The development of design procedures, the integration between testing, design and process are therefore among the subjects expected to be discussed during the seminar.

The seminar main topics are:

- **Structural component design and optimization**
- **Failure analysis**
- **Mechanics of materials and mechanical properties**
- **Fatigue and fracture**
- **Damage characterization and analysis**
- **NDT methods**
- **Analytical and numerical modeling**
- **Processing and properties**

## Scientific Committee

B. Atzori	University of Padova, I
F. Aymerich	University of Cagliari, I
P. W. R. Beaumont	University of Cambridge, UK
F. Bonollo	University of Padova, I
G. Caprino	University of Naples, I
T.W. Chou	University of Delaware, USA
T.W.Clyne	University of Cambridge, UK
I. Crivelli Visconti	University of Naples, I
M. S. Found	University of Sheffield, UK
A. Kelly	University of Cambridge, UK
P.Lazzarin	University of Padova, I
A. Mortensen	EPFL - Lausanne, CH
P. Priolo	University of Cagliari, I
M. Quaresimin	University of Padova, I
K. Schulte	TU Hamburg-Harburg, D
R. Talreja	Texas A&M University, USA
A. Tiziani	University of Padova, I

## Call for papers

Both scientific papers and application reports on the main topics above mentioned are invited. An extended abstract of maximum two pages should be sent to the address below by February 28th, 2003.

The full-length papers will be required immediately after the Seminar.

During the conference will be distributed a booklet containing the abstracts of the submitted papers

The Proceedings will be published after the Seminar in a Special Issue of an international journal and will collect papers peer reviewed and accepted by the Scientific Committee.

## Official language

English

The Seminar is organized by the **Department of Management and Engineering - University of Padova** in cooperation with **TCN**

## Fees

The fee for the attendance at the Seminar is :  
400 Euro + 20% VAT before April 30, 2003  
500 Euro + 20% VAT after April 30, 2003  
This fee includes a copy of the Proceedings and the Seminar social events.

The fee for students is :  
200 Euro+ 20% VAT before April 30, 2003  
300 Euro+ 20% VAT after April 30, 2003.  
This fee includes a copy of the Proceedings.

## Provisional dates and deadlines

- 17th March 2003      Arrival of abstracts
  - 31st March 2003      Notification of acceptance
  - 1st July 2003        Arrival of papers
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For further information please contact:

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<http://www.gest.unipd.it/ETDCM6>

## ETDCM6

### Experimental Techniques and Design in Composite Materials 6

#### Abstract submission - Request for further information

Surname \_\_\_\_\_

Forename(s) \_\_\_\_\_

Title  Prof  Dr  Ms  Mr

Affiliation \_\_\_\_\_

Full mailing address \_\_\_\_\_

\_\_\_\_\_ City \_\_\_\_\_

Zip \_\_\_\_\_ Country \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

I would like :

To submit a paper titled:

\_\_\_\_\_  
\_\_\_\_\_

To receive the programme

Send by fax or e-mail to:

**Dr. Marino Quaresimin**

**Department of Management and Engineering**

**University of Padova Stradella S.Nicola 3 - 36100**

**VICENZA - ITALY**

**fax +39-0444-998888**

**E-mail: etdcm6@gest.unipd.it**

In compliance with Art. 10 of Italian law 675/1996 on personal data processing protection, all the data provided will be used exclusively for sending correspondence regarding the Experimental Techniques and Design in Composite Materials 6.

## Seminar venue

The Seminar will take place at the Department of Management and Engineering - University of Padova - Stradella S.Nicola 3 - 36100 VICENZA - ITALY

## The Site

“Vicenza is an extraordinary artistic masterpiece thanks to Palladio's buildings which are incorporated in a historical fabric and determine its whole aspect. For this reason, the city has greatly influenced European and world architecture and city planning rules”.

In 1995, with this motivation, the capital city of the Berici hills was listed, quite rightly, in Unesco's World Heritage List. This prestigious award announced all over the world the beauty and the linearity of the shapes and colours which characterise the historic heart and the magical views of this splendid city. Vicenza is still permeated by the spirit of Andrea Palladio, the architect who skilfully interpreted local noblemen's wishes. 24 villas built by this great architect have been recognised as world heritage and 37 beautiful buildings designed by the genius of Palladio have been entrusted to the city.

Vicenza is situated in the Northern-East part of Italy and can be easily reached by train or by air (the cities of Venice and Verona and their airports are only one hour of distance by train or by shuttle)



Department of Management  
and Engineering



University of Padova



## Sixth International Seminar on **EXPERIMENTAL TECHNIQUES AND DESIGN IN COMPOSITE MATERIALS**

*VICENZA - 18-20<sup>th</sup> June 2003*

Department of  
Management and Engineering

## **FIRST ANNOUNCEMENT AND CALL FOR PAPER**

Under the patronage of



**REGIONE DEL VENETO**