

## Workshop

# "Polymeric and Composite Materials. A vision for the future" Capri Palazzo dei Congressi, via Sella Orta, 3 26th and 27th September 2008

## **Preliminary Program**

#### 26th september 2008

9-10 a.m. **Registration** 

10 − 10,15 a.m. **Welcome** 

- Domenico Martorana, IMAST
- National and Regional Autorities

#### **Sessions**

• Chairman: Luigi Nicolais

10,15 -12,45 a.m. *Lectures* 

- Adriaan Beukers, Delft University of Technology (the Netherlands)

  Future composite structures: from metal mimics to composite constructions
- Paul Hogg, University of Manchester (UK)

  Composite research priorities for the next generation of single isle commercial aircraft

11,45-12,15 a.m. Coffee- break

12,15-12,45 a.m. *Lectures* 

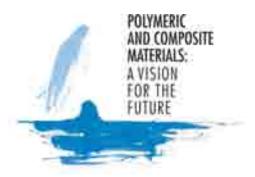
• John C. Halpin, JCH Consultants (USA)

Molded discontinous short fiber composite technology for transport aircraft parts
and components application

12,45 – 1,30 p.m. Discussion with industrial representatives

- Giovanni Bertolone (Alenia aeronautica)
- John Griffith (Boeing)





### The discussion is open to all participants

1,30-2,30 p.m. LUNCH

2,30 -4,15 p.m. <u>Lectures</u>

- Klaus Friedrich, Research Consultant (Germany)

  Current and future applications of polymer composites in the field of tribology
- Geoff Gibson, University of Newcastle (UK) Fire behaviour of composite materials and structures

3,30-3,45 p.m. coffee-break

3,45-4,15 p.m. <u>Lectures</u>

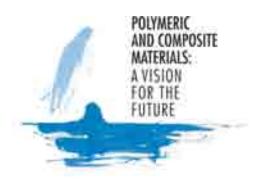
- Ajit Shenoi, University of Southampton (UK)

  Composite materials for marine applications- key challenges for the future
  - 4,15-4,45 p.m. Discussion with industrial representatives
  - Nevio Di Giusto (Fiat)
  - Amedeo Felisa (Ferrari)
  - Roberto Porcari (Fincantieri)

### The discussion is open to all participants

20,30 p.m. Social Dinner Anacapri, Capri Palace Hotel





## 27th September 2008

Ore 9.30 – 10.30 a.m. *Lectures* 

- Tom Hahn, University of Los Angeles (USA)

  Polymer nanocomposites for multifunctional applications
- Paolo Netti, University of Naples Federico II (Italy)

  Multifunctional polymer based structures for human tissues reconstruction

10.30 - 10.45 a.m. coffee break

10,45-11,15 a.m. *Lectures* 

• Thanasis Triantafillou, University of Patras (Greece)

Textile-reinforced and polymer-modified mortars (TRM): a new generation of composite materials for strengthening and seismic retrofitting of structures

11,15-11,45 a.m. Discussion with industrial representatives

- Bill Bonfield (Apotech Ltd and Orthomimetics Ltd)
- Amilcare Collina (Mapei)

### The discussion is open to all participants

11,45-12,15 a.m. Conclusions by National and Regional Autorities