



**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 Authorities

**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 discontinuous 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. Lectures

- 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. Lectures

- Ajit Sheno, 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 Authorities