



# NIS Colloquium

## Materials for Aerospace applications

Torino, November 19<sup>th</sup>, 2009

Centro dell'Innovazione dell'Università degli Studi – Aula 19 – via Quarello, 11

### PROGRAMMA

#### November 19<sup>th</sup>

- 9.00–9.15 **Introduction to the Colloquium**
- 9.15–10.00 **Wynn Sanders** – USAF, Res. Lab., Mat & Mfg Directorate, Wright Patterson AFB, London Office  
*“International Opportunities with the Air Force Office of Scientific Research”*
- 10.10–10.30 **Stefania Maddaluno** – Alenia Aeronautica  
*“The SMAT project: Sistema di Monitoraggio Avanzato del Territorio (Advanced System for Territory Monitoring)”*
- 10.30–10.50 **Break**
- 10.50–11.20 **Gabriele Ricchiardi** – Università degli Studi di Torino  
*“Materials for inflatable structures”*
- 11.20–11.50 **Erasmus Carrera** – Politecnico di Torino  
*“Analysis and Simulation of Advanced and Inflatable Structures for Aerospace Applications”*
- 11.50–12.20 **Alessandro Rapisarda, Mauro Montabone** – Thales Alenia Space Italia  
*“Materials for Earth Orbit and Moon Exploration - Application to Inflatable Technology”*
- 12.20–12.50 **Federico Cesano** – Università degli Studi di Torino  
*“Carbon nanofilaments-based composites for innovative applications”*
- 12.50–13.20 **Mariangela Lombardi** – Politecnico di Torino  
*“Development of advanced composite materials as ablative TPS”*
- 13.20–13.30 **Conclusion**