

## Composites Design and Manufacturing Workshop

“Future vision of opportunities in Composites Design and Manufacturing”

November 12, 2014 - São Paulo, Brazil

### AGENDA

#### INTRODUCTION

Present the main challenges of the new generation of composite materials and manufacturing and discuss technology solutions with the key actors of Brazil and Sweden.

#### TARGET AUDIENCE

Academia and Research Institutes experts; Industrial technical experts and decision-makers; Governmental technical experts and decision-makers and Opinion-leaders.

#### VENUE

Hotel Blue Tree Premium Faria Lima , Sao Paulo - SP  
Room: Topazio

#### PROGRAM

##### MORNING

08:30 Welcome Coffee and Registration

08:50 Introduction: Workshop targets  
*Pontus de Laval – Chairman, CISB*

09:00 Future vision in composites & manufacturing and their challenges  
*Mr Lars Sjöström – Sweden*

09:20 Inspirational - Technical presentations from Industry and Academia of Sweden

- Nano Technologies for Aerospace Applications  
*Pontus Nordin, Saab AB*

- Structural battery concept and multi-functional carbon fibre composites  
*Prof. Dan Zenkert, Royal Institute of Technology (KTH)*

- Innovative 3D weaving technology for carbon fibre preforms  
*Mr Fredrik Winberg, Biteam AB*

10:00 Networking coffee

10:20 Inspirational - Technical presentations from Industry and Academia of Brazil

- Evolutionary use of composites in real-world aircraft

*Mr. Clovis Eca Ferreira, Embraer*

- Research in Composite at ITA

*Professor Sergio Frascino, ITA*

10:50 Thematic discussions: stakeholders discussing possibilities of cooperation

12:20 Way Forward

12:30 Closure

12:30 - 13:15 Networking Brunch

### AFTERNOON

Special Mission

13:30 Departure to São Jose dos Campos

15:30 Arrive at IPT São Jose dos Campos

15:40 Special tour in the laboratory of Lightweight Structures

17:00 Closure

17:30 Return to Sao Paulo