

## COMPOSITI EXPO-CONGRESS

### Programma Convegni giornata 13 ottobre 2010

#### Room 3

### CONGRESS FOCUSING ON COMPOSITE MATERIAL TECHNOLOGIES, BASED ON VARIOUS MATRICES FOR THE FOLLOWING SECTORS: AERONAUTICS, MARINE, AUTOMOTIVE AND RACING VEHICLES

**Chairman: Dr. Alberto Cimadoro**

Ore 9.30 am- 5 pm

9.30 am: Registration of participants

- The importance of certification in the Construction Process - *Luciano Maestrelli, ANCCP*
- Chemical welding: development tips and opportunities for composite product assembly - *Alberto Cimadoro, VABER*
- Amber Composites/Axson Italy: high performance composites for the Automotive sector - *Jed Illsley, AMBER*
- High-pressure thermoforming manufacturing process of structural items by Skintec: a high throughput case study - *Gigi Creonti, STRCTURA*
- The mechanical fixing of components, based on various matrix composite materials - *Andrea Sanua, SPECIALINSERT*
- Tooling processes for milling and drilling composite materials based on carbon fibres and others for the vehicle sector - *Nereo Santin, DORMER*
- Designing, simulation, composite materials manufacturing process: a complete and integrated solution by Dassault Systemes - *Domenico Berardi, DASSAULT SYSTEMES*
- Liquid Injection way - *Henri Hiblot, ISOJET*

1 pm: LUNCH TIME

- The TEMPEST Technology for the safeguard and safety of company's database - *Matteo Lopez, SIGNIT*

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# Motor 3<sup>rd</sup> edition **Lsport** EXPOTECH

13 - 14 Ottobre 2010 - ModenaFiere

Mostra convegno internazionale di materiali innovativi,  
tecnologie, prodotti e servizi per il motorismo da competizione

- Composite structures from polymer matrix materials for the aerospace sector – *Kiryll Alekseev, UNIVERSITY OF KAZAN*
- Matrix requirements – the composite materials used to construct gliders and small aircrafts - *Holger Giese, SIKA*
- Optical systems for Reverse... a breakthrough in the quality control - *Antonio Giogoli, Simona Tavernari, AGIOTECH*
- Multifunctional composite materials – smart materials – *Rocco Rametta, CETMA*
- Idra: a carbon fibre single-seater for low consumption racing events – *Massimiliana Carello, Andrea Airale, Alessandro Ferraris, POLITECNICO DI TORINO*
- Innovative materials for a technological transfer: the latest news in the composite field - *Eva Tenan, MATECH*

Ore 4,20 pm: conclusion and debate

Simultaneous translation

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# Motor 3<sup>rd</sup> edition **SPORT** EXPOTECH

13 - 14 Ottobre 2010 - ModenaFiere

Mostra convegno internazionale di materiali innovativi,  
tecnologie, prodotti e servizi per il motorismo da competizione

**14 ottobre 2010**

**Room 3**

## **EES – Efficiency, Economy, Sustainability**

Marine workshop dealing with the ecofriendly design: not just a matter of choice of material and construction technologies, but also new proposals for a as green as possible mechanical propulsion.

**Chairman: Dr. Giovanni Ceccarelli, president AsProNaDi**

Ore 9.30 am- 1 pm

9.30 am: Registration of participants

- Ideas and considerations for a “more blue” marine – *Giovanni Ceccarelli, Yacht Designer*
- Eco- friendly hybrid propulsion systems for sail and motor boats – *Claudio Bassi, Twin Disc*
- Efficiency, economy, environmental sustainability – *Sergio Abrami, Yacht Designer*
- "AUXILIA" project: experiences of the auxiliary electric propulsion for pleasure and commercial crafts - *Alberto Amici, RTN*
- “The green- concepì projects” – *Davide Tagliapietra, Yacht Designer*
- Fisher Panda: Thirty years lasting success in marine propulsion– *Jens Langer, Fisher Panda*
- “Araldite” The firts racing boat prototipe based on 50% flax-fiber reinforced composite material – *Franck Magendie, Huntsman – Thibault Reinhart, Skipper*

1 pm: conclusion and debate

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## Room 3

### TREATMENT AND FINISHING PROCESSES OF MATERIALS AND COMPONENTS FOR THE MANUFACTURERS OF VEHICLES IN THE AUTOMOTIVE, MARINE AND AERONAUTICS SECTORS

**Chairman: Prof. Pietro Luigi Cavallotti Politecnico di Milano e A.I.F.M**

2 - 6 pm

1.30 pm: Registration of participants

- Certification and insurance guarantees for finishing in the coating processes – *Stefano Milianelli, ANCCP*
- Reduction of VOC emissions in surface preparation - *Raffaele Allocca, Socomore*
- The finishing experience for finished products in the automotive sector – *Giancarlo Bonzi, Cefla*
- Mass finishing gives and excellent isotropic surface finishing – *Maurizio Foppa Pedretti, Rosler*
- New technological varnishes and materials – *Denis Rosmi, Univer Sokema*
- Self- lubricating DLC coatings – *P.L. Cavallotti, L. Magagnin, L. Nobili, Politecnico di Milano e A.I.F.M.*
- Zink protector zec-888: nanotechnology for electrolytic and laminar zinc coatings– *Stefano Galleani, Glomax*
- New neutral products for metal finishing – *Marco Bonazzoli, Best Finishing*
- Saving and ecology in composite treatment of Technology of the environment in composite materials – *Tagliabue, Lavo*
- Nanotechnology protection in the mobility – *Alessandro Torretta, Nano Tech Surface*

5.40 pm: conclusion and debate

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