



## ASSOCOMPOSITI ACADEMY & DEMO AREA- OFFICIAL PROGRAM

**Tuesday, 9 June**

### Composites Future Demo Area

<b>10.00-16.30</b>	During the day, the exhibiting companies will be running live activities and demonstrations for visitors.
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**Wednesday, June 10**

### Composites Future Academy – Theme: Technologies for Composite Materials

<b>10.00-10.20</b>	Introduction to composite materials (Prof. Roberto Frassine, Assocompositi)
<b>10.20-10.50</b>	Thermoplastic Matrix Composites (Prof. Alfonso Maffezzoli, Università del Salento)
<b>10.50-11.10</b>	Exploring LFAM in Composite Manufacturing (Tomas Hadrava, Additive Manufacturing Technical Sales & Business Dev. Manager, Airtech Europe)
<b>11.10-11.20</b>	Large Format Additive Manufacturing: an integrated approach to composite manufacturing (Giacomo Barera, Product Manager Additive Manufacturing CMS)
<b>11.20-11.30</b>	Q&A

### Composites Future Demo Area

<b>14.30-15.00</b>	Manual lamination, infusion, thermoforming (OMC Presse, Freud, Sphercube) 3D-printed tooling and vacuum bagging materials for prepreg moulding drone production (Airtech Europe) Cutting (Fkgroup) Additive Manufacturing (Airtech Europe, CMS)
<b>15.00-15.30</b>	Thermosetting expanding cores for the production of hollow components (Mates Italiana)
<b>15.30-16.00</b>	Manufacturing and finishing (Fimal, ACME Servizi, Costa Levigatrici) Simulation of milling, drilling and threading of a carbon fibre components (Greda) CNC milling (Cosmec Technology)
<b>16.00-16.30</b>	Testing and NDT (White Lab, Vision Engineering, Gibitre, Noselab)

**Thursday, June 11**

### Composites Future Academy – Theme: Applications of Composite Materials

<b>10.00-10.20</b>	Design for Automotive with recycled composites (Prof. Marino Quaresimin, University of Padua)
<b>10.20-10.40</b>	Quality controls for composites in the marine industry (Paolo Francia, Linset/White Lab)

<b>10.40-11.00</b>	Composites in the Construction Industry: Innovation to Reinforce Structures (Dominica Carbotti, Italy Coordinator Structural Reinforcement Division, Mapei)
<b>11.00-11.20</b>	SQR™ 4.0 Enables Fully Automated Production of Composite Structures Out-of-Autoclave with Aerospace Qualified Materials (Fabien Falcone, Aerospace BD Engineer, Coexpair)
<b>11.20-11.30</b>	Q&A

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<b>15.30-16.00</b>	From Theory to the Construction Site: Application of FRP Systems (Mapei)
<b>16.00-16.30</b>	Manual lamination, infusion, thermoforming (OMC Presse, Freud, Sphercube) 3D-printed tooling and vacuum bagging materials for prepreg moulding drone production (Airtech Europe) Cutting (Fkgroup) Additive Manufacturing (Airtech Europe, CMS)

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**Friday, June 12**

### Composites Future Academy – Theme: Sustainability of Composite Materials

<b>10.00-10.20</b>	Introduction to Composite Materials Sustainability (Prof. Marco Longana, Politecnico di Milano)
<b>10.20-10.40</b>	Closed-loop recycling process for composite materials (Giulia Carozzi, Quality Manager, Top Glass)
<b>10.40-11.00</b>	The Toray Group's Vision and CIT's Initiatives Regarding the Future of Carbon Composite Materials (Davide Fossati, Technical Service, CIT Toray)
<b>11.00-11.20</b>	CETMA's Sustainability Projects (Francesca Feline, Advanced Materials & Process Consulting Department, CETMA)
<b>11.20-11.40</b>	FIB3R Project: new life to carbon fibre in the Motor Valley (Dott. Daniele Biondi, HERA Ambiente)

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<b>15.00-15.30</b>	Examples of recycled composites: products and fibers (Gees Recycling, HERA Ambiente, CIT Toray, Top Glass)
<b>15.30-16.00</b>	Manufacturing and finishing (Fimal, ACME Servizi, Costa Levigatrici) Simulation of milling, drilling and threading of a carbon fibre components (Greda) CNC milling (Cosmec Technology)

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