

intelligent REactive polymer composites MOolding

Final Technical Workshop & Demonstrations sessions

**“Intelligent process monitoring and control
system for composites production”**

18th of July 2012

(09:30 to 16:00)

Saint-Mélor-des-Ondes
France (near Saint-Malo)
SOTIRA



*The iREMO Project has developed several intelligent
process monitoring and control tools toward the
composites manufacturing automation*

► **Live demonstration for RTM process**

Automotive application

► **Video demonstrations for Light-RTM & Infusion**

Boat & Building applications

AGENDA		
09:30 - 10:00	Welcome coffee and registration	
10:00 - 10:05	Opening of the workshop <i>Representative of SORA Composites</i>	5 min
10:05 - 10:20	General overview of the project and its objectives <i>M-P. Toitgans, CEMCAT</i>	15 min
10:20 - 10:50	Intelligent process control and monitoring <i>N. Pantelalis & E. Bistekos, NTUA & Synthesites</i>	30 min
10:50 - 11:00	Coffee break	
11:00 - 11:20	Material state monitoring <i>I. Harismendy, Tecnalía</i>	20 min
11:20 - 11:40	Modeling using neural network <i>J. Zhang, University of Newcastle</i>	20 min
11:40 - 12:00	Sensor-based ICT concept <i>Z. Ghrairi, BiBA</i>	20 min
12:00 - 14:00	Lunch & Coffee	
14:00 - 14:30	Video Demonstration iREMO system & Light-RTM Process <i>N. Karaolis, Karnic Powerboats</i>	30 min
14:30 - 15:00	Video Demonstration iREMO system & Vacuum Infusion <i>A. Bansal, Acciona Infraestructuras</i>	30 min
15:00 - 16:00	Live Demonstration iREMO system & High Speed-RTM <i>SOTIRA</i>	60 min
16:00	End of the day	

Registration form

If you are interested to participate, please use the [registration form](#) on www.iremo.eu

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