

**SHORT COURSE**  
**ADVANCES IN POLYMER CHEMISTRY AND PROCESSING OF NANOSTRUCTURED**  
**POLYMER MATERIALS**  
**PROGRAMME**

FLORENCE 9-10 February 2006

Lectures: 60 minutes + 15 minutes for discussion

<b>Morning session - Processing</b>		
8:30 - 9.30	Quality and trust in numerical modelling of polymer processing: Methodologies and future challenges	S. Lundström
9:45 – 10:15	Coffee Break	
10:15 – 11.15	Principles and applications of POLYMER flow simulation	J. Guillet
11.30 – 12.30	How can thermosets-based nanocomposites be processed?	F. Lortie
12:45 Lunch		
<b>Afternoon session - Processing</b>		
14:30 – 15.30	Modelling of the processing of polymer matrix nanocomposites	L. Torre
<b>Afternoon session - Chemistry</b>		
15:45 – 16.15	Coffee Break	
16:15 – 17:15	Design of Nanostructured Polymeric Materials via "Living" Anionic Polymerisation Methods	C. Tsitsilianis
17:15 – 18:15	Controlled radical polymerization / nanostructure	Y. Gnanou
<b>Morning session - Chemistry</b>		
9:00 – 10:00	High performance segmented block copolymers	D. Pospiech
10:15 – 10:45	Coffee Break	
10:45 – 11.45	Organic-inorganic hybrid coatings by sol-gel processes	F. Pilati
12:00 – 14:00 Lunch		