FORTH, University of Crete  
Materials Science and Technology  

Dynamics of Polymeric Liquids  
5-Day Accelerated Course  

Seminar Room I, FORTH main building  
September 7-11, 2015

Monday – Thursday  10.00 am to 01.30 pm  
Friday 2.30 pm – 6.00 pm

Professor Giacomin, giacomin@queensu.ca

Lectures: 3h per day for 5 days


Prerequisite (or corequisite): Undergraduate transport phenomena (or fluid mechanics)
### SYLLABUS

**Dynamics of Polymeric Liquids**  
**5-Day Accelerated Course**  
**Summer 2015**

Prof. Giacomin

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<td>Flow Phenomena in Polymeric Fluids Material Functions for Polymeric Liquids Generalized Newtonian Fluid</td>
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**Important Dates**

- First Class: 9/7
- Last Class: 9/11
This course is taught using my version of the Socratic method. By this I mean that students will learn by answering questions. To get the most out of this class preparation, students must prepare by completing the assigned readings, and then, by preparing at least two questions provoked by these readings. They must also be prepared to answer questions on the assigned readings. Students must also demonstrate critical thinking, when called upon, by analyzing their classmates' answers to questions. Students can expect to be called upon every time the class meets.