

Provisional Course Outline.

PRE Lyon 2019: Polyolefin Reaction Engineering November 19-22, 2018.

	Monday 19 November	Tuesday 20 November	Wednesday 21 November	Thursday 22 November
08h15-08h30	Welcome and Introductions			
08h30-10h00	Introduction to Polyolefins J.B.P. Soares	Single Particle Growth: 1. Fragmentation and introduction to modelling T.F.L. McKenna	Microstructural Characterization J.B.P. Soares	Analysis of complex data sets Paul DesLauriers, CPChem (ret)
10h00-10h15	Coffee Break			
10h15-11h45	Overview of Industrial Processes T.F.L. McKenna	Polymerization with Single- Site Catalysts J.B.P. Soares	Microstructural Characterization J.B.P. Soares	Gas Phase Reactors: Condensed mode T.F.L. McKenna
11h45-13h30	Lunch			
13h30-15h00	Polymerization Catalysts C. Boisson	Basic chemometric concepts Paul DesLauriers, CPChem (ret)	Design of reactor space and products Paul DesLauriers, CPChem (ret)	Parameter Estimation for Polymerization Kinetic Models
15h00-15h15	Coffee Break			
15h15-16h45	Polymerization Catalysts C. Boisson	Multiple-Site Catalysts J.B.P. Soares	Single Particle Growth: 2. Advanced Topics T.F.L. McKenna	Reactor Modelling and RTD effects J.B.P. Soares