

Polymer processing

Coordinator

Bruno VERGNES

Lecturers

Jean-Francois AGASSANT
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Duration

5 days (30h)

Dates

January 2017

Tuition / Cost

2 500 € net

Location

MINES ParisTech
Centre de Mise en Forme des Matériaux
1, rue Claude Daunesse
CS 10207
06904 Sophia Antipolis Cedex (France)

Prerequisites

Basic knowledge of processing of polymers.

Learning Objectives

- To get scientific and technical knowledge of processing of polymers

Programme

Monday

- 9h-10h General overview of polymer processing
- 10h-11h Lubrication approximations
- 11h15-12h15 Pressure development in processing
- 14h-16h Heat transfer
- 16h15-17h15 Basic approaches of polymer processing modelling

Tuesday

- 9h-12h15 Single screw extrusion
- 14h-15h30 Die flows

Wednesday

- 9h-12h15 Injection molding
- 14h-15h30 Fiber spinning
- 15h45-17h15 Film processing (cast film, film blowing)

Thursday

- 9h-12h15 Twin screw extrusion
- 14h-15h30 Reactive extrusion
- 15h45-17h15 Calendering and coating

Friday

- 9h-12h15 Structural composites
- 14h-15h30 Stretching processes
- 15h45-17h15 Injection molding

Information & Registration

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