

# Preface

The aim of this issue is to bring together specialists from academia and industry dealing with modelling and experimental analysis of polymer processing and induced properties. This issue extends from thermo-chemo-mechanical characterization of polymers to coupled transfers in processes, in particular heat transfer in moulded parts, tools and interfaces. The main topics of the issue are: Thermomechanical modelling and optimization of polymers processes. New challenges for characterization and modelling of thermo-chemo-physical properties in homogeneous and heterogeneous media; Heat transfer phenomena in moulds/tools associated with polymers processes; Specific thermal metrology applied to polymers processing.

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