

Preface

Topics covered by this issue include but are not limited to: Development of new and optimization of existing Forging and Hot Forming; Mathematical description and parameterisation of flow, damage and fracture behaviour of new workpiece and tool materials; Mathematical description and parameterisation of friction, heat transfer and wear in forging and rolling; Development of numerical methods, formulations and algorithms for simulation of forging and rolling processes; Validation of simulation models on industrial examples; Computer-aided process control. Furthermore, the results of the Collaborative Research Center 1153 on Tailored Forming are presented.

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