

Preface

The main topics of the issue are: mechanical fastening operations (clinching, riveting and so on); friction welding; friction stir welding and friction stir spot welding; hybrid joining processes; innovative joining processes (also using adhesives) including forming or pre-forming of the materials to be joined; computational methods for joining simulation of processes; applications of inverse analysis to material characterization in joining conditions; part integrity (prediction of residual stresses, distortions ecc); innovative measurement methods and devices to detect relevant variables in joining by forming (temperatures, pressures, vibrations, wear)

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