



Recent Advancements in Mechanical Drilling of Composite Laminates

Guest Editor:

Prof. Dr. Gerald Franz

Laboratory of Innovative Technologies, University of Picardie Jules Verne (UPJV), Amiens 80025, France

gerald.franz@u-picardie.fr

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Message from the Guest Editor

The drilling performance and drilled-hole quality are essentially characterized by surface roughness, peel-up and push-out delamination, mechanical and thermal damages and thrust force. They depend on cutting parameters (cutting speed and feed rate), drilling tool characteristics (type, geometry, coating, material) and drilling processes (conventional and unconventional).

This Special Issue focuses on latest experimental and theoretical advancements in the fields of various drilling processes for composite laminates covering large topic including these main aspects: damage modelling in composite drilling by FE approaches or analytical models, optimization of process parameters, development of special drill bits, damage detection and quantification, wear prediction and tool performance... Authors are encouraged to contribute to the Special Issue by submitting original papers as well as review articles.

