

**Title:**

WOLFTP

**People:**

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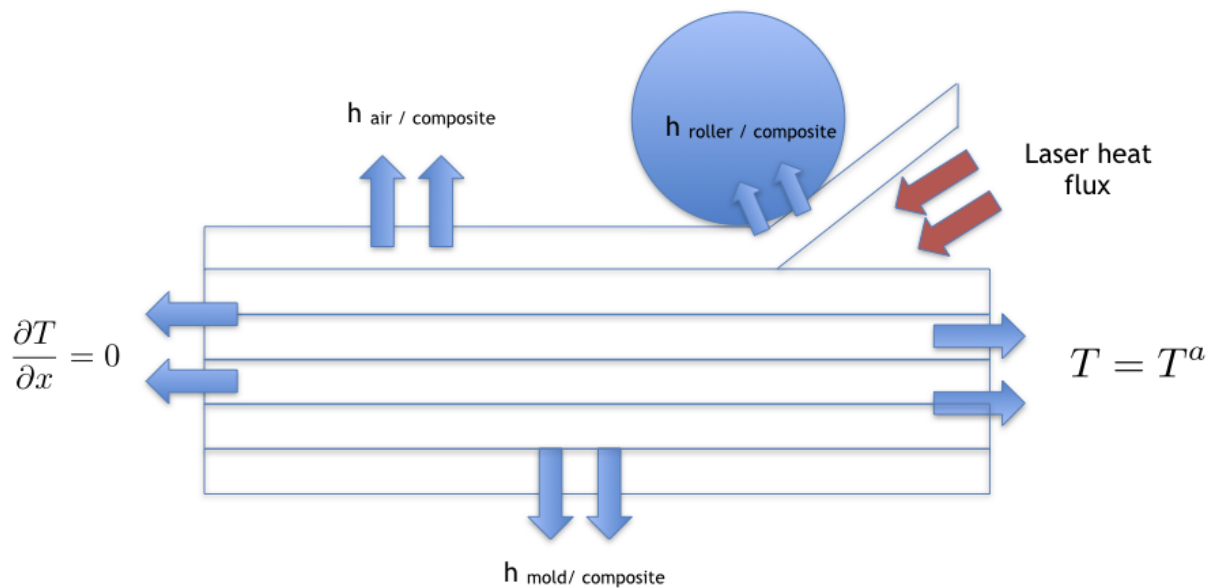
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**Grant:**

European + Industrial Grant

**Short Description:**

Out-of-autoclave forming processes are a challenging issue attracting the attention of aeronautic manufacturers like Boeing and Airbus. In fact the manufacturing of composite material fuselage is blocked nowadays by the size of the fuselage. However, the out-of-autoclave forming processes are not mastered yet because of the uncontrolled multi-physics involved. In this project we aim to simulate the manufacturing of out of autoclave composite processes, the automated tape placement or ATP for instance, to identify the optimal material and process parameters.



Tape placement modeling.