

**Title:**

Simultool

**People:**

Dr. Chady Ghnatios

**Collaborators:**

Pr. Francisco Chinesta – ENSAM Paris

Dr. Anais Barasinski – Ecole Centrale Nantes

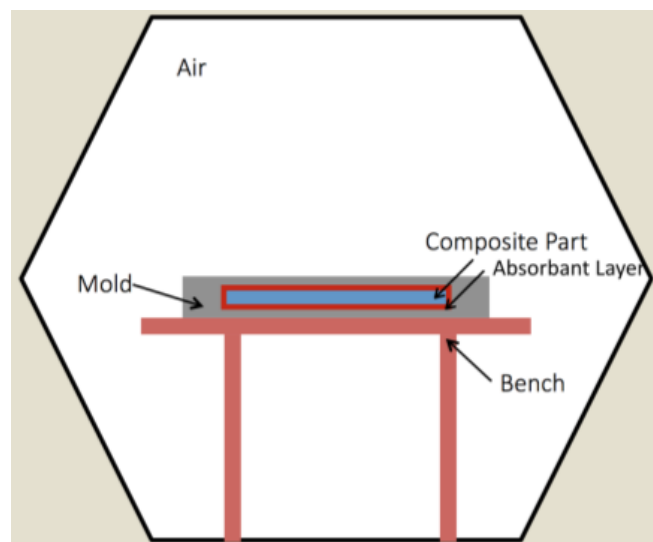
PhD student Hermine Tertrais – Ecole Centrale Nantes

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European grant

**Short Description:**

Uniform composite material curing is a challenging issue. Controlling the temperature of the core of the material is impossible using classical heating technique. Therefore the microwave curing appears to be an appealing technique since it provides the possibility of volumetric curing. On the other hand, the microwave curing is blocked by the presence of the fibers (highly conductive material) blocking the transmission of electric waves to the core of the part. Therefore the use of advanced simulation technique becomes mandatory to understand the physics occurring in the part.



Microwave curing of composite materials