

Undergraduate Colloquium

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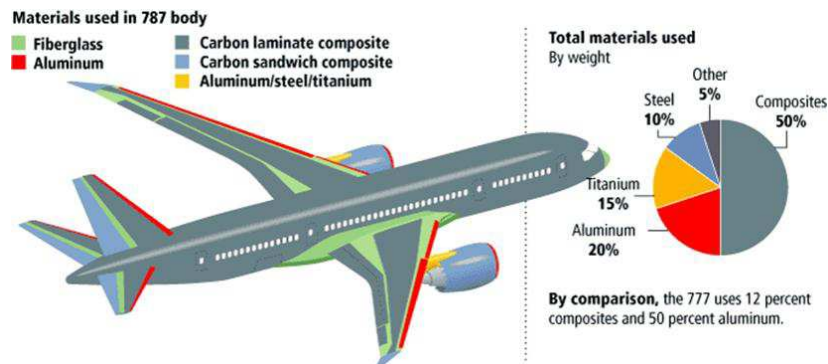
University of Houston

An introduction to multiscale analysis through the study of the heat flow through a laminate material

**October 22, 2012
4:00pm 104 AH**

Abstract

In this lecture we will discuss the important applications of multiscale analysis in the study of composite materials (man-made or natural). We will present a short introduction into the field of multiscale analysis and then present in detail an intuitive analysis of the problem of heat propagation through a laminate material. This particular multiscale problem contains some of the key mathematical challenges one has in multiscale analysis and through it we hope to offer a better understanding of this exciting field of current research.



For future talks or to be added to the mailing list:
www.math.uh.edu/colloquium/undergraduate