## Bordeaux - INP / IMB

## Modelling and numerical approximation of multimodal heat transfer in heterogeneous materials

The objective of this talk is to introduce a model and an associated relevent numerical method in order to perform simulations of multimodal heat transfer in heterogeneous. The considered applications involve both material diffusion and radiation. Therefore, there is the need of robust and efficient methods to overcome the stiffnesses which arise in this context.