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Co-chaimen

Emmanuel Baranger, LMT-Cachan, France  
Jacques Lamon, LMT-Cachan, France

## **Endorsing Organizations**

AMAC – Association pour les MATériaux Composites  
The American Ceramic Society  
ESCM – European Society for Composite Materials

Topics

The following topics are discussed for ceramic and carbon based composites:

- Simulation of composite processing
- Microstructure and fiber preform simulation, computational composite, structure
- Lifetime prediction
- Virtual testing
- Microstructure – properties relations, virtual material
- Non Destructive Evaluation
- Multiaxial, Multiscale, Multiphysics testing and modelling
- Microscale testing
- Stochastic approaches