Experimental and numerical assessment of loading rate effects on Mode I delamination in carbon fiber/epoxy composites

Luca Di Stasio^{a,b}, Cláudio S. Lopes^c

^a Université de Lorraine, EEIGM, IJL, 6 Rue Bastien Lepage, F-54010 Nancy, France ^bLuleå University of Technology, University Campus, SE-97187 Luleå, Sweden ^cIMDEA Materials Institute, Getafe, Madrid, Spain

Abstract

- 1. Introduction
- 2. Experimental investigation
- 3. Numerical analysis
- 4. Expected outcomes
- 5. Conclusions and Perspectives

Acknowledgements

Luca Di Stasio gratefully acknowledges the support of the European School of Materials (EUSMAT) through the DocMASE Doctoral Programme and the European Commission through the Erasmus Mundus Programme.