Faculty of applied Sciences
Computational & Multiscale Mechanics of Materials (CM3)
http://www.ltas-cm3.ulg.ac.be/
Prof. Ludovic Noels
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Object: PostDoc position in multi-scale computational mechanics to study the impact failure of composites

Context

As part of a collaborative project between different Belgian industrial partners and Universities related to the study of composite laminate under impacts, the main objective of the doctoral position will be to develop a multi-scale numerical framework to study failure of the synthesized materials.

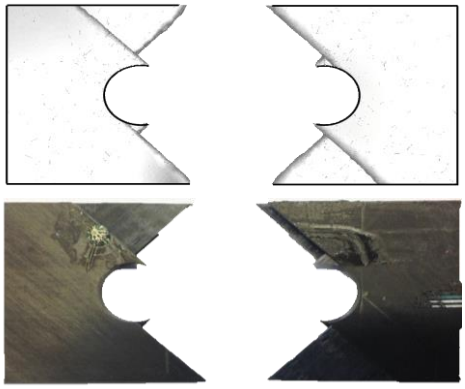

Figure: Failure of a [45/-45]S laminate : numerical predictions and experimental results [WU15]

PhD or Post-Doc opportunity

The doctoral project will be supervised by Prof. L. Noels of ULg (http://www.ltas-cm3.ulg.ac.be/), in close collaboration with the partners of the project. The position is that of a research engineer starting in January 2020.

Profile

The candidate should have a PhD degree in mechanical engineering or applied mathematics with solid knowledge of continuous mechanics and numerical methods. Good programming skills are required.

Application

Interested candidates are encouraged to send a

• a CV with a list of up to 3 references;
• a short statement (maximum of one page) describing past experience and research interests;
• a transcript of the school grades.

The file must be sent to Prof. L. Noels (L.Noels@ulg.ac.be) by e-mail.

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