

Structural integrity under extreme loads

Topic: High fidelity models

•**TITLE:** Numerical modelling of helmet under high velocity and blunt impacts

•**RESEARCH ACTIVITIES:**

1. Investigation on possible Traumatic Injury of the Skull and Brain
2. Investigation into innovative structures able to protect the head under high velocity impacts fitted for exploitation in the design of helmet
3. Focus in reducing Behind Helmet Blunt Trauma (BHBT)

•**METHODOLOGY:** numerical – experimental (TBV)

•**DURATION:** 7-9 months

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