

A laboratory scale technique to simulate a combined blast wave and projectile impact loading on structures

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5th CWO Poster Session

Commission for Scientific Research (CWO)

Royal Military Academy

Technical program

04 May 2019 – 1330 Hr - 1530 Hr – Room: Patio Bloc K

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2	Design of a dedicated Hopkinson-bar for measuring impact force of non-lethal projectiles	C. Robbe, A. Papy and P. Herrebout
3	Influence of actual impact conditions versus testing conditions on the efficiency of torso body armour systems.	A. Azevedo and F. Coghe
4	Quantitative Optical Measurement Techniques in the Ballistics Field	A. Moumen, B. Stirbu, J.Grossen and J.Gallant
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6	Creation of Anthropometric 3D Finite Element Head Model for Blunt Impact Assessment	N. Nsiampa and A. Papy
7	Development and Validation of a Biofidelic Numerical Head Model for the Evaluation of the Risk on Behind-Helmet Blunt Trauma	N. Nsiampa and F. Coghe
8	Gun barrel erosion analysis using a coordinate measuring machine	M. Dhouibi, B. Stirbu, A. Chabotier and M. Pirlot
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10	A Measurement Campaign for EO/IR Signatures of UAVs	A.Borghgraef and M.Vandewal
11	Thermal modeling of out-of-band laser heating of an anti-reflection coated germanium window	K. Desnijder and M. Vandewal
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82	Research support from RSWO	S. Di Giglio, H. Bruyninckx and M. Dirickx