

# NEILL GRIFFITHS MEMORIAL AWARD

The award was created in memory of Neill Griffiths who for many years was head of the Explosives Technology Department at the Royal Armament Research and Development Establishment at Fort Halstead in the UK. He pioneered much of the UK shaped charge research and development programmes including the development of the first tandem warhead.

He was a keen supporter of the Symposium on Ballistics from its inception and was a founding member of the International Ballistics Committee.

*The award is presented to the author(s) of the paper judged to have made the most significant contribution to shaped charge technology at the International Symposium on Ballistics*

## Neill Griffiths Memorial Award Winners

Symposium	Paper Title	Authors
15 <sup>th</sup> Jerusalem, 1995	A Technique for Estimating the Strength of Materials in Stretching Shaped-Charge Jets	R. R. Karpp, L. M. Hull, M. L. Price
16 <sup>th</sup> San Francisco, 1996	Influence of an Axial Electric Current on the Stability of Shaped Charge Jets	G. A. Shvetsov, A. D. Matrosov
17 <sup>th</sup> South Africa, 1998	Analysis of Intergranular Impurity Concentration and the Effects on the Ductility of Copper Shaped Charges	A J Schwartz, D. H. Lassila, E. L. Baker
18 <sup>th</sup> San Antonio, 1999	Experiments and Simulations of Spinning Shaped Charges with Fluted Liners	M. E. Kipp, P. R. Martinez, E. S. Hertel, E. L. Baker, B. E. Fuchs, C. L. Chin
19 <sup>th</sup> Interlaken, 2001	Explosively Formed Penetrators (EFP) with Canted Fins	D Bender, B Chhouk, R Fong, W Ng, B Rice, E Volkmann
20 <sup>th</sup> Orlando, 2002	The Design and Performance of Non-Initiating Shaped Charges with Granular Jets against ERA	P Konig, F Mostert
21 <sup>st</sup> Adelaide, 2004	Oxide Glasses as Shaped Charge Liners	K. Cowan, B. Bourne
22 <sup>nd</sup> Vancouver, 2005	The Role of Rayleigh Taylor Instability in Shaped Charge Jets Formation and Stability	S. Miller, G. Kliminz
23 <sup>rd</sup> Tarragona, 2007	BAM BAM: Large Scale Unitary Demolition Warheads	A. S. Daniels, E. L. Baker, S. E. Defisher, K. W. Hg, J Pham
24 <sup>th</sup> New Orleans, 2008	The Appendix	E. Hirsch, M. Mayselless

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Symposium	Paper Title	Authors
25 <sup>th</sup> Beijing, 2010	Toroidal Warhead Development	R. Fong, L. Thompson, W. Ng
26 <sup>th</sup> Miami, 2011	A Small Scale Unitary Demolition Charge	D. Boeka, A. Daniels, N. Ouye, D. Suarez, S. Hancock
27 <sup>th</sup> Freiburg, 2013	Performance Calculation of Shaped Charges with Shear-Formed Liners	S. S. Rassokha, S. V. Ladov, G. A. Kubyshkina, A. V. Babkin
28 <sup>th</sup> Atlanta, 2014	Axially Switchable Modes Warheads	W. Arnold, E. Rottenkolber, T. Hartmann
29 <sup>th</sup> Edinburgh, 2016		
30 <sup>th</sup> Long Beach 2017		