



Professor Emeritus Norman Jones

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Dedication to Professor Norman Jones on the occasion of his 65th birthday, 18 March 2003
(published in International Journal of Impact Engineering, Vol. 30, 2004, p. 885)

It is with great pleasure that I dedicate this issue to Professor Norman Jones on the occasion of his 65th birthday. During this time Professor Jones was attending the IMPLAST 03 conference in New Delhi. Papers of this conference are published in this issue, both a tribute issue to Norman and as a special conference issue with the best-selected papers.

At the opening speeches of the conference, which included speakers from the Indian government, Norman Jones gave us an overview of his research, how he was drawn into the subject of impact engineering, and which particular areas interested him throughout his career. Later during one of the conference dinners colleagues and friends spoke about how they had met and how Norman has 'impacted' his research field, congratulating him on his birthday and wishing him well.

I would like to repeat these congratulations here at the start of this issue on behalf of not only the attendees of the conference and the contributors to this issue, but also on behalf of my colleagues at Elsevier and the International Journal of Impact Engineering's authors and readers. As Editor of the International Journal of Impact Engineering, Norman has over many years fostered growth in the journal's content, continued to create a focus for the impact research community, and further improved the reputation of the journal.

On behalf of Elsevier and authors of the International Journal of Impact Engineering we wish Norman many more productive years and wish Norman and Jenny all the best.

Isabelle Kandler, Elsevier Science, Oxford, UK

Honors:

Royal Academy of Engineering: Elected Fellow in 2000
Editor of the International Journal of Impact Engineering for many years.

Research Awards: Principal Investigator

- Energy absorption effectiveness of thin-walled structures.
- Mode Transitions in the Impact Crushing of Thin-Walled Tubes.

Research Awards: Co-Investigator

- Pulse pressure testing of 1/4 scale stainless steel blast walls and blast wall connections - Phase II.
- Bomb blast protection using novel lightweight materials.
- Improving the Understanding of Explosion Loading on Structures, Plant and Equipment with Small Scale Experiments.
- Novel Fibre-Metal Laminates Based on Thermoplastic-Matrix Composites.
- An investigation of the energy-absorbing characteristics of novel aluminium foam sandwich structures.
- Scaling effects in fibre-metal laminates.

Research Groups

- Structural Materials and Infrastructure

Journal Articles

- Norman Jones and R. S. Birch (2010) Low-velocity impact of pressurised pipelines'. International Journal of Impact Engineering, vol 37 issue 2 pp 207-219
- N. Jones (2010) Dynamic Energy Absorption and Perforation of Ductile Structures. International Journal of Pressure Vessels and Piping vol 87 issue 9 pp 482-492
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- Jones N. and Alves M. (2010) Post-failure Behaviour of Impulsively Loaded Circular Plates. International journal of Mechanical Sciences vol 52 issue 5 pp 706-715
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- N. Jones (2010) Energy-absorbing Effectiveness Factor. International Journal of Impact Engineering vol 37 issue 6 pp 754-765
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- N. Jones (2010) Impact loading of ductile rectangular plates. Proc. 11th International conference on Structures Under Shock and Impact, WIT Transactions on the Built Environment vol 113 pp 71-81
- N. Jones (2010) Inelastic response of structures due to large impact and blast loadings. Journal of Strain Analysis for Engineering Design vol 45 issue 6 pp 451-464
- N. Jones (2009) Hazard Assessments for Extreme Dynamic Loadings. Latin American Journal of Solids and Structures vol 6 issue 1 pp 35-49
- Q.M.Li, Z. Q. Ye, G. W. Ma, N. Jones and H. Y. Zhou (2009) The Influence of Elastic Shear Deformation on the Transverse Shear Failure of a Clamped Beam Subjected to Idealised Blast Loading. International Journal of Mechanical Sciences vol 51 issue 6 pp 413-423

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- F. Schneider and N. Jones (2008) Observations on the Design and Modelling of some Joined Thin-Walled Structural Sections. *Thin-walled Structures* vol 46 issue 7-9 pp 887-897
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- S. McKown, W. J. Cantwell and N. Jones (2008) Investigation of Scaling Effects in Fiber - Metal Laminates. *Journal of Composite Materials* vol 42 issue 9 pp 865-888
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- N. Jones (2008) The Role of Plasticity Methods in Protection and Safety. *Defence Science Journal* vol 58 issue 2 pp 181-193
- N. Jones and R.S Birch (2008) On the Scaling of Low Velocity Perforation of Mild Steel Plates. *Journal of Pressure Vessel Technology* vol 130 issue 3 pp 031207-1 to 031207-11
- N. Jones and R.S Birch (2008) Impact Behaviour of Pressurised Pipelines. *Proc. 10th Int. Conf. on Structures under Shock and Impact, SUSI X1, WIT Transactions* vol 98 pp 219-228
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- S. McKown, W. J. Cantwell and N. Jones (2008) Investigation of Scaling Effects in Fiber - Metal Laminates. *Journal of Composite Materials* vol 42 issue 9 pp 865-888
- N. Jones (2007) Dynamic Energy Absorption of Structures. *7th International conference on Shock and Impact Loads on Structures, C-I Premier, Singapore*, pp 15-26
- A. Deb, M. Raguraman, N. Jones (2007) Numerical Prediction of Low Velocity Impact Phenomena for Mild Steel Plates with Blunt Strikers. *9th International Symposium on Plasticity and Impact Mechanics, IMPLAST 2007*, pp 639-646

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- F. Schneider and N. Jones (2007) Observations on the Theoretical Analysis for Impact Energy Absorption of Thin-walled Structural Sections. 9th International Symposium on Plasticity and Impact Mechanics, IMPLAST 2007, pp 111-118
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- N. Peixinho, N. Jones, and A. Pinho (2003) Determination of Crash-Relevant Material Properties of Dual-Phase and Trip Steels. 8th international Symposium on Plasticity and Impact Mechanics, IMPLAST 2003 pp 343-353
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