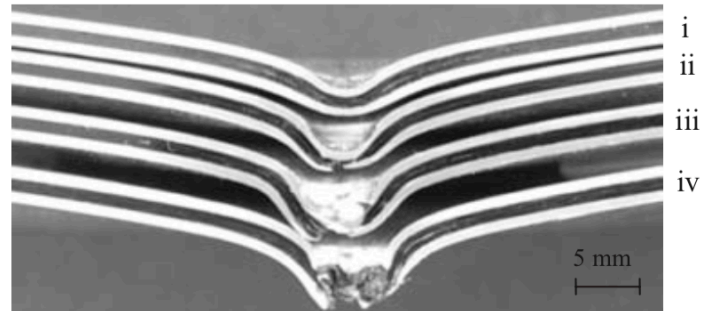




Professor Wesley J. Cantwell



From: J.G. Carrillo and W.J. Cantwell, “Scaling effects in the low velocity impact response of fiber-metal laminates, *Journal of Reinforced Plastics and Composites*, Vol. 27, p 893-907, 2008

See:

<https://scholar.google.com/citations?user=SaVOKTsAAAAJ&hl=en>
<https://www.ku.ac.ae/academics/college-of-engineering/people/prof-wesley-cantwell/>
https://www.researchgate.net/scientific-contributions/71748417_WJ_Cantwell

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Biography:

Professor Wesley Cantwell is the Director of the Aerospace Research and Innovation Center (ARIC) and a Professor of Aerospace Engineering at Khalifa University. He is also the Associate Dean for Research in the College of Engineering at Khalifa University. Prior to joining Khalifa, he was a Professor in the School of Engineering at the University of Liverpool (1994 – 2012) and a Research Scientist in the Department of Materials at the Ecole Polytechnique Federale de Lausanne (1985-1994) in Switzerland. He has also been a visiting scientist at Virginia Tech and the University of Kyushu, Japan. He received his MSc and PhD degrees in Aeronautical Engineering from Imperial College, London and his BSc in Aeronautical and Astronautical Engineering from the University of Southampton. Professor Wesley Cantwell’s research interests focus on the manufacture and testing of high-performance composite materials. He has worked extensively on the impact response of composites and sandwich structures as well as on characterizing the blast response of lightweight structures. He has also worked on developing hybrid materials, such as thermoplastic fiber metal laminates, based on combinations of metal alloys and fiber-reinforced thermoplastic composites. Other areas of research include smart materials, where fiber Bragg grating and plastic optical fibers have been embedded in composites and FMLs, and 3D metal printing, where complex lattice structures have been manufactured and tested under extreme conditions. Wesley Cantwell has published over 220 journal articles and currently serves on the Editorial Board of a number of international journals, including *Composites Science and Technology* and the *International Journal of Impact Engineering*. He has also given keynote addresses at many international

conferences, including the European Conference on Composite Materials and the International Conference on Composite Science and Technology.

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