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Akron, OH 44325-4325-AE (g2 6(4.3 (si)81A.)3Me)8.9 -1.4Bnr.m(m)- ce04t

9/10-Present	Professor of Mechanical Engineering, The Teach courses in structural mechanics.
9/01-8/10	Associate Professor of Mechanical Engine
9/95-8/01	Assistant Professor of Mechanical Enginee
9/93-8/95	Postdoctoral Associate/Lecturer, Ocean En Taught marine and ship structures. Condu survivability and composite structures.
9/92-8/93	Lecturer/Postdoctoral Fellow, Naval Arch Taught ship structures. Developed rigid-pl survivability.
6/91-8/91	Graduate Student Analyst, Naval Surface W Collaborated with Damage and Explosion development of a rigid-plastic model for su

EDUCATION:

1992

4900:336 Aerospace Structures: junior-level course covering theory and methods for analysis and design of aerospace structures. Topics include torsion, shear flow, buckling, fracture and fatigue of beams and plates.

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4600:431/531 Fundamentals of Mechanical Vibrations: senior/graduate-level; free and forced vibrations; damping; single and multi-degree(s)-of-freedom. (er)-2 (o)2g.1 (. (e1.152 Td[l (ng)10)2t)-2.e0.3

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7. Hoo Fatt, M.S. and Sirivolu, D., “Marine Composite Sandwich Plates under Air and Water Blasts,” Marine Structures, Vol. 56, pp. 163-185, 2017.

8. Li, B. and Hoo Fatt, M.S.,“Impact Damage and Residual Strength Predictions of 2D Woven SiC/SiC Composites,” Finite Elements in Analysis & Design, Vol. 113, pp. 30-42, 2016.

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21. Hoo Fatt, M.S and Pothula, S.G., "Dynamic Pulse

35.

7. Hoo Fatt, M.S., Alkhtany, M. and Sirivolu, D., "Underwater Blast Resistance and Energy Absorption of PVC Foams in Sandwich Panel Constructions," in the Proceedings of the 11th International Conference on Sandwich Structures, Ft. Lauderdale, FL, March 20-22, 2016.

8. Hoo Fatt, M.S., "Water Blast Response of Foam-Core Composite Sandwich Panels," in the Proceedings of the 2015 ONR Solid Mechanics Program Review, Marine Composites and Sandwich Structures, Arlington, VA, December 2-4, 2015.

9. Hoo Fatt, M.S. and Sirivolu, D., "Blast Mitigation Effects of Foam-Core, Composite Sandwich Structures," in Indo-USA Workshop on Recent Advances in Blast Mitigation Strategies in Civil and Marine Structures, Bangalore, India, August 16-19, 2015.

10. Hoo Fatt, M.S. and Sirivolu, D., "A Fluid-Solid Model for Composite Sandwich Plates under Water Blast," in the Proceedings of the 20th International Conference on Composite Materials, Copenhagen, Denmark, July 19-24, 2015.

11. Hoo Fatt, M.S., "Blast Response of Composite Shells and Sandwich Panels in Air and

19. Hoo Fatt, M.S., “Blast Resistance and Energy Absorption in Foam-Core Composite Sandwich Panels,” in the Proceedings of the 2011 ONR Solid Mechanics Program Review, Marine Composites and Sandwich Structures, University of Maryland University College, Adelphi, MD, September 12-14, 2011.

20. Chen, L. and Hoo Fatt, M.S., “Developing Constitutive Equations for Hysteresis in Polymer Foams” in ASME Applied Mechanics and Materials Conference McMat 2011, Chicago IL, May 30-June1, 2011.

21. Hoo Fatt, M.S., Surabhi, H. and Gao, Y., “Blast Response of Sandwich Shells with Crushable Foam Cores,” in the Proceedings of IMPLAST 2010, Providence, RI, October 12-Crspis Rngplons20.002 Tc -8.3 (h)2 (S)3.7 ()4.4 (s) (s wb2 (at)8j(S)53.6 7.5 (i)e[A)61.7 n(.2 (i)-2.Tw

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