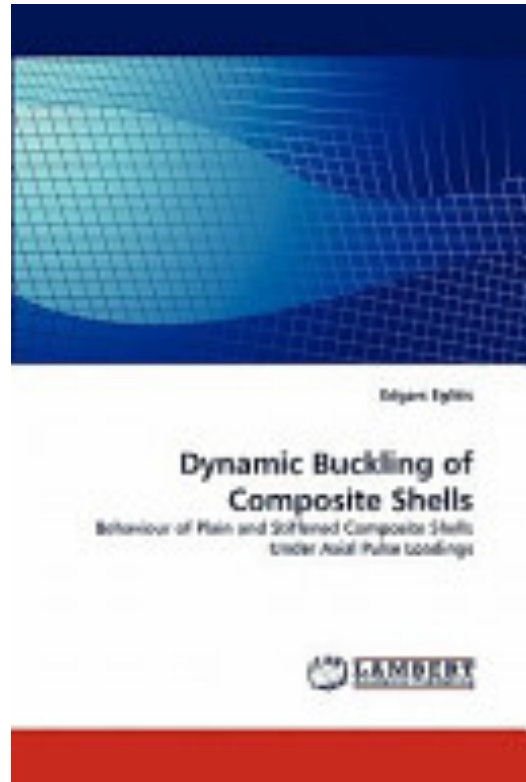




Dr. Edgars Eglitis



Edgars Eglitis, Dynamic Buckling of Composite Shells, Lambert Academic Publishers, 2011

See:

<https://at.linkedin.com/in/xedgarsx>

<https://ortus.rtu.lv/science/en/experts/518>

http://www.airframer.com/direct_detail.html?company=115094

Career Summary:

March 2013 – present: Stress Lead at FACC AG, St. Martin im Innkreis, Austria; Bombardier Global 7000/8000 Wing-to-body fairing; COMAC C919: Spoilers and Winglets

April 2011 – present: Stress Engineer at FACC AG, Ried im Innkreis, Austria; Control surfaces Sukhoi SSJ100; Bombardier Global 7000/8000 Wing-to-body fairing; Airbus A350-900 Wing Tip Covers

August 2007 – March 2011: Riga Technical University, Latvia; Numerical and experimental investigations in static and dynamic buckling of composite structures

Selected Publications:

Eglitis E., Kalnins K. Benchmarking of FE post-buckling analysis of stiffened composite panels with experimental validation, Proceedings of 4th Conference on Strength, Durability and Stability of Materials and structures - Palanga, September 2007, pp. 32–38.

Eglitis E., Kalnins K., Ozolins O., Rikards R. Numerical Study of Geometrical Imperfection Response on Composite Cylinders under Axial Loading, Proceedings of 20th Nordic Seminar on Computational Mechanics. Gothenburg, Sweden, November 2007, pp. 101-104.

E. Eglitis, K. Kalnins, O. Ozolins, G. Teters, An experimental and numerical study on the dynamic buckling of cylindrical composite shells, Proceedings of International Conference Mechanics of Composite Materials, Riga, Latvia, May 2008, p. 76.

Edgars Eglitis, Kaspars Kalnins and Olgerts Ozolins, "Experimental and numerical study on buckling of axially compressed composite cylinders", Construction Science, Paper number 2009-7329

Olgerts Ozolins, Karlis Dzelzitis, Edgars Eglitis, "Experimental evaluation of damage influence on buckling performance of stiffened CFRP shells", Scientific Journal of Riga Technical University. Construction Science, Vol. 10, No. 10, 2009, pp. 79-92

E. Barkanov, S. Gluhih, O. Ozolins, E. Eglitis, F. Almeida, M. C. Bowering and G. Watson, "Optimal weight design of laminated composite panels with different stiffeners under buckling loads", ICAS 2010, 27th International Congress Of The Aeronautical Sciences, 2010

E. Eglitis, K. Kalnins and O. Ozolins, "The influence of loading eccentricity on the buckling of axially compressed imperfect composite cylinders", Mechanics of Composite Materials, Vol. 46, No. 5, 2010, pp. 483-492

E. Eglitis, K. Kalnins, C. Bisagni, "Study On Buckling Behaviour Of Laminated Shells Under Pulse Loading", ICAS 2010, 27th International Congress Of The Aeronautical Sciences, 2010

Edgars Eglitis, Dynamic Buckling of Composite Shells, Lambert Acad. Publ., 2011, 168 pages