



**Dr Luiz Kawashita**  
**B.Eng., Ph.D.(Lond.)**

Senior Lecturer

Office 0.55  
Bristol Composites Institute (ACCIS),  
University of Bristol, Queen's Building BS8 1TR  
([See a map](#))

+44 (0) 117 331 5716

[luiz.kawashita@](mailto:luiz.kawashita@bristol.ac.uk)

[bristol.ac.uk](http://bristol.ac.uk)

## Summary

## Memberships

## Organisations

[Department of Aerospace Engineering](#)

## Other sites

- [Aerospace](#)

## Research Groups

- [Bristol Composites Institute - Core](#)

## Recent publications

- Gordon, TMG, Xu, X, Kawashita, LF & Kim, BC(, 2019, '[Novel tow termination method for delimitation suppression in tapered composite laminates](#)'. in: *SAMPE Europe*.
- Hii, AK, Minera, S, Groh, RM, Pirrera, A & Kawashita, LF, 2019, '[Three-dimensional stress analyses of complex laminated shells with a variable-kinematics continuum shell element](#)'. *Composite Structures*, vol 229.
- Ansari, B, Hazzard, MK, Kawashita, LF, Heisserer, U & Hallett, SR, 2019, '[Numerical modelling of UHMWPE composites under impact loading](#)'. in: *Twenty second international conference on composite materials (ICCM22)*. International Committee on Composite Materials
- Al-Azzawi, AS, Kawashita, LF & Featherston, CA, 2019, '[A modified cohesive zone model for fatigue delamination in adhesive joints: Numerical and experimental investigations](#)'. *Composite Structures*, vol 225.
- Ansari, B, Kawashita, LF, Hallett, SR & Heisserer, U, 2018, '[Manufacture and ballistic testing of sheared plates made from Dyneema HB26®](#)'.
- Sun, XC, Kawashita, LF, Kaddour, AS, Hiley, MJ & Hallett, SR, 2018, '[Comparison of low velocity impact modelling techniques for thermoplastic and thermoset polymer composites](#)'. *Composite Structures*, vol 203., pp. 659-671
- Jones, CE, Norman, PJ, Szykiel, M, Alzola, RP, Burt, GM, Galloway, SJ, Kawashita, LF & Hallett, SR, 2018, '[Electrical and Thermal Effects of Fault Currents in Aircraft Electrical Power Systems with Composite Aerostructures](#)'. *IEEE Transactions on Transportation Electrification*, vol 4., pp. 660-670
- Tao, C, Mukhopadhyay, S, Zhang, B, Kawashita, L, Qiu, J & Hallett, S, 2018, '[An improved delamination fatigue cohesive interface model for complex three-dimensional multi-interface cases](#)'. *Composites Part A: Applied Science and Manufacturing*, vol 107., pp. 633-646
- Sun, R, Kawashita, L, Wollmann, T, Spitzer, S, Langkamp, A & Gude, M, 2018, '[Experimental and numerical studies on the braiding of carbon fibres over structured end-fittings for the design and manufacture of high performance hybrid shafts](#)'. *Production Engineering*, vol 12., pp. 215-228
- Gagauz, I, Kawashita, LF & Hallett, SR, 2017, '[Understanding the effect of void morphology and characteristics on laminate mechanical properties](#)'.

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