

MARINO QUARESIMIN

PUBLICATION LIST

March 2018

Complete list of publications of Marino Quaresimin (updated at March 2018)

PAPERS ON ISI JOURNALS

- 1a) Lazzarin P., Milani V. and Quaresimin M., Scatter bands summarising the fatigue strength of aluminium alloy bolted joints, *International Journal of Fatigue*, 1997, vol.19 no.5 pp.401-407.
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- 15a) Wichmann M.H.G., Sumfleth J., Gojny F. H., Quaresimin M., Fiedler B. and Schulte K., Glass fibre-reinforced composites with enhanced mechanical and electrical properties – benefits and limitations of a nanoparticle-modified matrix, *Engineering Fracture Mechanics*, vol. 73 (2006), pp.2346–2359

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- 70a) Carraro P.A., Zappalorto M., Quaresimin M, Health monitoring of cross-ply laminates: modelling the correlation between damage evolution and electrical resistance change, *Composites Part A* (2016) 82, 151–158.
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SPECIAL ISSUES AS GUEST EDITOR

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- 2si) Composites Science and Technology 2008, volume 68 no13, Quaresimin M., Directions in Damage and Durability of Composite Materials (DDCM) - Guest editorial., Composites Science And Technology. vol. 68, 2008, pp. 2584.
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- 5si) Composite Interfaces, 2013, Volumes 20, Issues 4, 6 and 9, Quaresimin M. et al., Guest editorial., Vol. 20, 2013, No. 4, 229–230.
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BOOK CHAPTERS

- 1b) M. Quaresimin, “Modelling the fatigue behaviour of bonded joints in composite materials” in *Multi-scale Modelling of Composite Material Systems - the Art of Predictive Damage Modelling*, P.Beaumont and C.Soutis Eds, Woodhead Publishing Ltd, Abington, Cambridge UK 2005 ISBN 1-85573-936-4, pp. 469-494.
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- 5b) M. Quaresimin, , P.A. Carraro, G. Meneghetti, and M. Ricotta " Mixed mode fatigue of bonded joints in composites: experiments and modelling" in *Structural Integrity and Durability of Advanced Composites - Innovative Modelling Methods and Intelligent Design*, P. Beaumont, C. Soutis, A. Hodzic Eds, Elsevier 2015
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KEYNOTES AND INVITED TALKS

- 1il) Quaresimin M. "Fatigue behaviour and design of joints in composite materials", invited lecture at "Reliability and Life Prediction of Composite Structures", 9th European - Japanese Symposium on Composite Materials, May 2004, Hamburg - Germany
- 2il) Quaresimin M. "Fatigue life assessment of bonded joints in composite materials", invited lecture at Swissbondig 06, May 2006 Rapperswil, Zurich (Switzerland),
- 3il) Quaresimin M., "Crack propagation resistance of epoxy nanocomposites" invited lecture at "Interactive Solution on Nano/Macroscopic Level and Hybrid Technology for Practical Applications", 10th Japanese-European Symposium on Composite Materials, September 2006, Nagano – Japan
- 4il) Quaresimin M., "Fatigue behaviour and life assessment of composite laminates under multiaxial loading" ICFC4 - 4th International Conference on Fatigue of Composites, September 26–28, 2007 Kaiserslautern - Germany
- 5il) Quaresimin M., Talreja R. "Fatigue behaviour of composite tubes under multiaxial loading" ICFC5 - 5th International Conference on Fatigue of Composites, October 15-18, 2010 Nanjing , China.
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- 7il) Quaresimin M."Toughening mechanisms in nanocomposites: an overview and ideas for modelling", Nanocarbon2011, 16- 17 November, 2011, Nagano, Japan.
- 8il) Quaresimin M."Materiali compositi e fatica multiassiale: meccanica del danneggiamento e idee per la modellazione ", GMA2012 - VI riunione del Gruppo di Meccanica dei Materiali AIMETA, 12-13 Aprile, 2012, Lucca, Italia.
- 9il) Quaresimin M. "Multiaxial testing, properties and modelling of composites" DFG (German Research Foundation) workshop: Inauguration of Multiaxial Test Rigs, May 3rd, 2012, Hamburg University of Technology, Hamburg (Germany)
- 10il) Quaresimin M., Multiaxial fatigue behaviour of unidirectional composites: damage mechanics and modelling, Duracosys 2012, 10th International Conference on Durability of Composite Systems, September 17-19, 2012 Brussels (Belgium)
- 11il) Quaresimin M., Multiaxial fatigue behaviour of unidirectional composites: damage mechanics and modelling, 6th Asia-Europe Symposium on Processing and Properties of Reinforced Polymers, June 2-6 2013 Wuhan (China)

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- 13il) Quaresimin M., A damage-based approach to the fatigue of composites ECCM16, 16th European Conference on Composite Materials, June 22-26 2014, Sevilla (Spain).
- 14il) Quaresimin M., Microscopic damage evolution in off-axis plies under fatigue loading, ICCM20, 20th International Conference on Composite Materials, July 19-24 2015, Copenhagen (Denmark).
- 15il) Quaresimin M., A damage-based strategy for fatigue design of composite structures, 37th international Risoe Symposium on Material Science- Understanding performance of composite, 5-8 September 2016 Roskilde, (Denmark)
- 16il) Quaresimin M., Damage initiation and evolution in composite laminates under cyclic loading: a damage-based modelling framework, 21st International Conference on Composite Materials, 20-25 August, 2017, Xi'an China
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