



Veröffentlichungen im Rahmen des Delaware-Projektes

OLIVARES-FERRER, A.J.; LINKE, M.; GARCÍA-MANRIQUE, J.A. (2023): Re-Infiltrationstechnik für Reparaturen an zivilen Flugzeugstrukturen aus Verbundwerkstoffen, In LINKE, M.(Hrsg.): Innovative CFK-Reparatur-Ansätze in der Luftfahrt, Band zur Tagung Innovative CFK-Reparatur-Ansätze in der Luftfahrt, Joachim Herz Stiftung Hamburg, Hamburg/Deutschland, 13.-14. September 2023, S. 6-7.

OLIVARES-FERRER, A.J.; LINKE, M. (2022): Influence of Initial Matrix Cracks on Residual Strength in Compression-After-Impact Simulation, In: Silva Gomes, J.F.; Meguid, S.A.: Progress in Mechanics and Materials in Design, Konferenzband der 9th International Conference on Mechanics and Materials in Design (M2D2022), Funchal/Portugal, 26.-30. Juni 2022 – ISBN 978-989-54756-3-6, S. 37-48, https://paginas.fe.up.pt/~m2d/proceedings_m2d2022/index.htm (zuletzt besucht: 01.07.2022).

OLIVARES-FERRER, A.J.; LINKE, M.; HERZIG, J. (2021): Influence of friction on the position of the rupture line in thin-walled Carbon-Fibre-Reinforced-Polymer laminates under Compression-After-Impact testing, International Conference on Computations for Science and Engineering (ICCSE1), 19. July 2021, 2021.

OLIVARES-FERRER, A.J.; LINKE, M. (2020): Modelling initial matrix cracking into thin-walled damaged laminates under Compression-After-Impact loading, virtuelle 3DEXPERIENCE Conference Eurocentral Design, Modeling & Simulation 2020.

OLIVARES-FERRER, A.J.; LINKE, M. (2020): Development of a re-infiltration system based on pressure control for repairing Carbon-Fiber-Reinforced-Polymer laminates with Barely-Visible-Impact-Damage, In: Proceedings of ICCS23 - 23rd International Conference on Composite Structures & MECHCOMP6 - 6th International Conference on Mechanics of Composites, 1 – 4 Sep. 2020.

LINKE, M.; FLÜGGE, F.; OLIVARES-FERRER, A.J. (2020): Design and Validation of a Modified Compression-After-Impact Testing Device for Thin-Walled Composite Plates, In: Journal of Composite Science, 4(3), 126, <https://doi.org/10.3390/jcs4030126> (zuletzt besucht: 14.01.2022).

OLIVARES-FERRER, A.J.; LINKE, M.; GARCÍA-MANRIQUE, J.A. (2019): Influence of geometric imperfections and internal damage patterns of thin-walled laminates on failure in Compression-After-Impact testing, In: Procedia Manufacturing 41(2019), S. 200-207, DOI: <https://doi.org/10.1016/j.promfg.2019.07.047> (zuletzt besucht: 14.01.2022).

OLIVARES-FERRER, A.J.; LINKE, M. (2020): Harzinjektion: CFK-Reparaturtechnik für die zivile Luftfahrt?, In: Ingenieurspiegel März 2020 - Ausgabe Luftfahrt, S. 14-17.

OLIVARES-FERRER, A.J.; LINKE, M. (2019): Post-buckling behavior of thin-walled damaged laminates under Compression-After-Impact loading, 3DEXPERIENCE Conference Design, Modeling and Simulation 2019, Darmstadt/Deutschland, 20. November 2019.

OLIVARES-FERRER, A.J.; LINKE, M.; GARCÍA-MANRIQUE, J.A. (2019): Influence of geometric imperfections and internal damage patterns of thin-walled laminates on failure in Compression-After-Impact testing, 7th Manufacturing Engineering Society International Conference (MESIC2019) conference, Madrid/Spainien, 19.-21. Juni 2019.

LINKE, M.; GARCÍA-MANRIQUE, J.A. (2018): Contribution to Reduce the Influence of the Free Sliding Edge on Compression-After-Impact Testing of Thin-Walled Undamaged Composites Plates, In: Materials Journal – Special Issue of the Manufacturing Engineering Society (MES), Volume 11, Issue 9, 2018, <https://www.mdpi.com/1996-1944/11/9/1708> (zuletzt besucht: 14.01.2022).