

## **Veröffentlichungen und Vorträge im Rahmen des JoinDT-Projektes**

ROSE, P.; LINKE, M.; BUSQUETS, D. (2025): Experimental investigation & numerical modeling of the layup-specific damage behavior of composite bonded joints under mixed-mode loading, In: Engineering Fracture Mechanics, 111769, ISSN 0013-7944, <https://doi.org/10.1016/j.engfracmech.2025.111769> (zuletzt besucht: 23.12.2025).

MÜNCH, L.; ROSE, P.; ERDMANN, P.; LINKE, M.; MIDDENDORF, P. (2025): Simulation of Fatigue Crack Growth After Impact; Workshop der Arbeitsgemeinschaft Strukturelle Integrität und UAG Composite Fatigue, Engelsbach Deutschland, 03.07.2025.

MÜNCH, L.; ROSE, P.; ERDMANN, P.; MIDDENDORF, P.; LINKE, M. (2024): Fatigue Life of a Single Lap Joint with and without special Events, 21st European Conference on Composite Materials (ECCM21), 02.-05. Juli 2024, Nantes/Frankreich.

ROSE, P.; LINKE, M.; BUSQUETS, D. (2024): Investigation of the influence of design parameters onto the cracked lap shear specimen, In: Journal of Physics / Conference Series, Proceedings of 7<sup>th</sup> International Conference of Engineering Against Failure (ICEAF), 21.-23. Juni, 2023, Spetses Island/Griechenland, Band 2692, Nr. 1 – doi: [10.1088/1742-6596/2692/1/012014](https://doi.org/10.1088/1742-6596/2692/1/012014) (zuletzt besucht: 23.12.2025).

MÜNCH, L.; ROSE, P.; MIDDENDORF, P.; LINKE, M. (2023): Crack growth simulation of bonded joints under mixed mode loading, 7th International Conference of Engineering Against Failure – ICEAF, Spetses/Griechenland, 21.-23. Juni 2023.

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ROSE, P.; LINKE, M.; BUSQUETS, D. (2022): A novel approach for determining the intra-ply energy release rate of composites made of prepreg, Vortrag auf 25th International Conference on Composite Structures (ICCS25), University of Porto, 18.-22. Juli 2022, Porto/Portugal.

ROSE, P.; MÜNCH, L.; LINKE, M.; MIDDENDORF, P. (2022): A Method for Communication between User Materials during Runtime in ABAQUS, In: Proceedings of 8th European Congress on Computational Methods in Applied Sciences and Engineering – ECCOMAS Congress 2022, Oslo/Norwegen, 5.-9. Juni 2022, [https://www.scipedia.com/public/Rose\\_et\\_al\\_2022a](https://www.scipedia.com/public/Rose_et_al_2022a) (zuletzt besucht: 20.12.2022).

MÜNCH, L.; ROSE, P.; MIDDENDORF, P.; LINKE, M. (2022): Crack propagation simulation using communicating user subroutines to predict complex crack growth, Vortrag auf 8th European Congress on Computational Methods in Applied Sciences and Engineering – ECCOMAS Congress 2022, Oslo/Norwegen, 5.-9. Juni 2022.

Rose, P.; LINKE, M. (2022): Consideration of the 3D Stress State in the Application of Hashin's Failure Criteria, Vortrag auf SIMULIA Regional User Meeting EuroCentral, Congress Park Hanau, Hanau/Deutschland, 3.-5. Mai 2022.

GEFÖRDERT VOM