

[03.1 – Materials issues, Fatigue and Damage Tolerance]

5.8 _ Damage Tolerance

Date	28 September 2016 (Wednesday)
Time	16:00–18:00
Place	Track 5 (#105)
Session Chair: J. Kim	

5.8.1	16:00–16:30	[2016_0443] DAMAGE TOLERANCE AND REPAIR OF UD-RIBS OF LATTICE COMPOSITE FUSELAGE STRUCTURES E. Dubovikov ¹ , V. Fomin ¹ , M. Glebova ¹ ; ¹ Central Aerohydrodynamic Institute (TsAGI), Russia
5.8.2	16:30–17:00	[2016_0277] NUMERICAL ASSESSMENT OF DAMAGE TOLERANCE ALLOWABLES FOR NEW DESIGN CONCEPTS OF STIFFENED COMPOSITE PANELS T. Bach, German Aerospace Center (DLR), Germany
5.8.3	17:00–17:30	[2016_0193] XFEM-BASED FRACTURE MECHANICS ANALYSIS OF AERONAUTICAL STRUCTURES AFFECTED BY RESIDUAL STRESSES I. Rivero Arevalo ¹ , J. Gomez-Escalonilla Martin ¹ , V. Ramirez Gonzalez ² , A. Garcia Martinez-Pardo ² , D. Garijo Hernandez, IMDEA Materials Institute, Spain; ¹ Airbus Defence and Space, Spain ; ² Safran Engineering Services, Spain
5.8.4	17:30–18:00	[2016_0368] INVESTIGATION OF DEFORMATION FIELDS IN AIRCRAFT PANELS BY NON-CONTACT OPTICAL VIDEOGRAMMETRY METHOD K. Kuruliuk, Central Aerohydrodynamic Institute named after Zhukovsky, Russia