




## International Conference on Multiaxial Fatigue & Fracture

Seville, June 1<sup>st</sup>-3<sup>rd</sup>, 2016

### Interactive Abstract Program

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<a href="#">1.1.0945</a> 01.06.2016 09:45-10:20	Auditorium Plenary lecture	<a href="#">A REVIEW OF GRADIENT EFFECT AND SIZE EFFECT IN HIGH CYCLE MULTIAXIAL FATIGUE OF METALS</a> PALIN-LUC, T. - MOREL, F.	<input checked="" type="checkbox"/>
<a href="#">1.5.1050</a> 01.06.2016 10:50-11:10	Room 5 Welding	<a href="#">FATIGUE OF WELD ENDS UNDER COMBINED IN- AND OUT-OF-PHASE MULTIAXIAL LOADING</a> SHAMS, E. - VORMWALD, M.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<a href="#">1.5.1110</a> 01.06.2016 11:10-11:30	Room 5 Welding	<a href="#">COMPARATIVE STUDY OF MULTIAXIAL FATIGUE METHODS APPLIED TO WELDED JOINTS IN MARINE STRUCTURES</a> VAN LIESHOUT, P.S. - DEN BESTEN, J.H. - KAMINSKI, M.L.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<a href="#">1.5.1130</a> 01.06.2016 11:30-11:50	Room 5 Welding	<a href="#">FATIGUE LIFE INVESTIGATIONS CONSIDERING WELDING RESIDUAL STRESS AND SHAPE EFFECTS FOR A NON-LOAD CARRYING FILLET JOIN</a> TSUTSUMI, S.T. - MORITA, K. - FINCATO, R.F. - MOMII, H.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<a href="#">1.5.1150</a> 01.06.2016 11:50-12:10	Room 5 Welding	<a href="#">ON THE USE OF THE MODIFIED WÖHLER CURVE METHOD TO DESIGN FRICTION STIR WELDED TUBULAR JOINTS AGAINST MULTIAXIAL FATIGUE</a> HATTINGH, D.G. - JAMES, M.N. - MAGGIOLINI, E. - SUSMEL, L. - TOVO, R.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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<a href="#">1.5.1300</a> 01.06.2016 13:00-13:20	Room 5 Notch I	<a href="#">BIAXIAL FATIGUE TESTS OF NOTCHED SPECIMENS FOR AISI 304L STAINLESS STEEL</a> BERETTA, G. - CHAVES, V. - NAVARRO, A.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<a href="#">1.5.1340</a> 01.06.2016 13:40-14:00	Room 5 Notch I	<a href="#">A UNIFIED RULE TO ESTIMATE MULTIAXIAL ELASTOPLASTIC NOTCH STRESSES AND STRAINS UNDER IN-PHASE PROPORTIONAL LOADINGS</a> MEGGIOLARO, M.A. - TUPIASSU PINHO DE CASTRO, J. - NAZARE MARQUES, L.F. - MARTHA, L.F.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
<a href="#">1.5.1530</a> 01.06.2016 15:30-15:50	Room 5 HCF	<a href="#">HIGH CYCLE TORSIONAL FATIGUE PROPERTIES OF 17-4PH STAINLESS STEEL</a> YANASE, K. - SCHÖNBAUER, B. - ENDO, M.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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<a href="#">1.5.1610</a> 01.06.2016 16:10-16:30	Room 5 HCF	<a href="#">A MULTISCALE DAMAGE MODEL FOR HIGH CYCLE FATIGUE LIFE PREDICTION IN POLYCRYSTALLINE METALLIC MATERIALS</a> MOREL, F. - MAREAU, C. - ZGHAL, J. - GMATI, H.	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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<a href="#">1.5.1630</a> 01.06.2016 16:30-16:50		<a href="#">MICROSTRUCTURE-DEPENDENT PREDICTIONS OF THE EFFECT OF DEFECT SIZE AND SHAPE ON THE HIGH-CYCLE FATIGUE STRENGTH</a> GUERCHAIS, R. - MOREL, F. - SAINTIER, N.	<input checked="" type="checkbox"/>
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<a href="#">1.5.1740</a> 01.06.2016 17:40-18:00	Room 5 Fatigue criteria II	<a href="#">FRACTURE TOUGHNESS ESTIMATION OF SM490A NOTCH CT SPECIMEN BY MULTIAXIAL FRACTURE STRAIN MODEL</a> YOUN, G. - NAM, H. - RYU, H. - KIM, Y. - KAMAYA, M.Y.	<input checked="" type="checkbox"/>
<a href="#">1.5.1800</a> 01.06.2016 18:00-18:20	Room 5 Fatigue criteria II	<a href="#">COMPARISON BETWEEN SSF AND CRITICAL-PLANE MODELS TO PREDICT FATIGUE LIVES UNDER MULTIAXIAL PROPORTIONAL HISTORIES</a> FREITAS, M. - REIS, L. - MEGGIOLARO, M.A. - CASTRO, J.T.P.	<input checked="" type="checkbox"/>
<a href="#">1.5.1820</a> 01.06.2016 18:20-18:40	Room 5 Fatigue criteria II	<a href="#">PREDICTING RESIDUAL STRESSES INFLUENCE ON CRACK INITIATION FOR LOW-CYCLE FATIGUE</a> BRUNO, B. - DOUDARD, C. - THEVENET, D. - BRIDIER, F. - CALLOCH, S.	<input checked="" type="checkbox"/>
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<a href="#">1.6.1150</a> 01.06.2016 11:50-12:10	Room 6 Random&Variable I	<a href="#">INCORPORATION OF MEAN/MAXIMUM STRESS EFFECTS IN THE MULTIAXIAL RACETRACK FILTER</a> MEGGIOLARO, M.A. - CASTRO, J.T.P. - WU, H.	<input checked="" type="checkbox"/>
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<a href="#">1.6.1300</a> 01.06.2016 13:00-13:20	Room 6 Contact I	<a href="#">ROLLING CONTACT FATIGUE CRACK GROWTH IN RAILS XFEM 3D MULTI-SCALE MODELLING TAKING INTO ACCOUNT THE RAIL BENDING</a> MAI, S.H. - NGUYEN-TAJAN, M.-L. - GRAVOUIL, A.	<input checked="" type="checkbox"/>
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<a href="#">1.6.1610</a>	Room 6 01.06.2016 16:10-16:30 High temperature	<a href="#">FATIGUE CRACK ORIENTATION UNDER MULTI-AXIAL STRESS STATES FROM THERMAL FLUCTUATIONS AND RESIDUAL STRESSES</a> TAHERI, S. - FATEMI, A.	<input checked="" type="checkbox"/>
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<a href="#">1.6.1720</a>	Room 6 01.06.2016 17:20-17:40 Application I	<a href="#">MULTIAXIAL FATIGUE OF IN-SERVICE ALUMINIUM LONGERINS FRO HELICOPTER ROTOR-BLADES</a> SHANYAVSKIY, A. - TOUSHENTSOV, L.	<input checked="" type="checkbox"/>
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<a href="#">1.6.1800</a>	Room 6 01.06.2016 18:00-18:20 Application I	<a href="#">THE NON-PROPORTIONALITY OF LOCAL STRESS PATHS IN ENGINEERING APPLICATIONS</a> RIESS, C. - OBERMAYR, M. - VORMWALD, M.	<input checked="" type="checkbox"/>
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<a href="#">2.1.0930</a> 02.06.2016 09:30-10:05	Auditorium Plenary lecture	<a href="#">MULTIAXIAL DEFORMATION AND FATIGUE OF MAGNESIUM ALLOYS</a> Jiang, YJ.	<input checked="" type="checkbox"/>
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<a href="#">2.5.1120</a> 02.06.2016 11:20-11:40	Room 5 Application II	<a href="#">ENGINEERING APPROACH FOR VEHICLE STRUCTURE SERVICE LIFE ASSESSMENT UNDER COMBINED LOADING</a> VACLAVIK, J. - CHVOJAN, J. - KEPKA, M. - KEPKA JR., M.	<input checked="" type="checkbox"/>
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<a href="#">2.5.1310</a>	Room 5 02.06.2016 13:10-13:30 Random&Variable II	<a href="#">ON THE ASSESSMENT OF MULTIAXIAL FATIGUE DAMAGE ACCUMULATION UNDER VARIABLE AMPLITUDE LOADING</a> ANES, V. - REIS, L. - FREITAS, M.	<input checked="" type="checkbox"/>
<a href="#">2.5.1500</a>	Room 5 02.06.2016 15:00-15:20 Crack I	<a href="#">CRACK INITIATION DIRECTION UNDER SEVERE STRESS GRADIENT AND NON-PROPORTIONAL MULTIAXIAL LOADING: THE FRETING CASE</a> ARAÚJO, J.A. - CARDOSO, R.A. - FERREIRA, J.L.A. - CASTRO, F.C. - DA SILVA, C.R.M.	<input checked="" type="checkbox"/>
<a href="#">2.5.1520</a>	Room 5 02.06.2016 15:20-15:40 Crack I	<a href="#">ESTIMATION OF FATIGUE STRENGTH UNDER MULTIAXIAL CYCLIC LOADING BY VARYING THE CRITICAL PLANE ORIENTATION</a> KUREK, M. - LAGODA, T. - VANTADORI, S. - CARPINTERI, A.	<input checked="" type="checkbox"/>
<a href="#">2.5.1540</a>	Room 5 02.06.2016 15:40-16:00 Crack I	<a href="#">CRACK FRONT SEGMENTATION UNDER COMBINED MODE I- AND MODE III- LOADING</a> EBERLEIN, A. - RICHARD, H. A.	<input checked="" type="checkbox"/>
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<a href="#">2.5.1710</a>	Room 5 02.06.2016 17:10-17:30 Crack II	<a href="#">FAILURE OF FIBER REINFORCED COMPOSITES UNDER MULTIAXIAL STRESSES ON MICROSCALE</a> MAROTZKE, C. - FELDMANN, T.	<input checked="" type="checkbox"/>
<a href="#">2.5.1730</a>	Room 5 02.06.2016 17:30-17:50 Crack II	<a href="#">PREDICTION OF THE CRITICAL STRESS TO CRACK INITIATION ASSOCIATED TO THE INVESTIGATION OF FATIGUE SMALL CRACK</a> DRISS, M. - BENSEDDIQ, N. - AZARI, Z. - NIANGA, J.M. - MESMACQUE, G.	<input checked="" type="checkbox"/>
<a href="#">2.6.1020</a>	Room 6 02.06.2016 10:20-10:40 Numerical I	<a href="#">NUMERICAL SIMULATION OF EARLY-AGE SHRINKAGE EFFECTS ON RC MEMBER DEFLECTIONS AND CRACKING DEVELOPMENT</a> BERNARDI, P. - CERIONI, R. - MICHELINI, E. - SIRICO, A.	<input checked="" type="checkbox"/>
<a href="#">2.6.1040</a>	Room 6 02.06.2016 10:40-11:00 Numerical I	<a href="#">3D FATIGUE CRACK GROWTH SIMULATION AND SOME PROBLEMS FOR COMPARISON WITH EXPERIMENTS.</a> KIKUCHI, M. - WADA, Y. - TAKAHASHI, A.	<input checked="" type="checkbox"/>
<a href="#">2.6.1100</a>	Room 6 02.06.2016 11:00-11:20 Numerical I	<a href="#">COUPLED FRACTURE MODES UNDER ANTI-PLANE LOADING</a> POOK, L. - BERTO, FB. - CAMPAGNOLO, A.	<input checked="" type="checkbox"/>
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<a href="#">2.6.1210</a>	Room 6 02.06.2016 12:10-12:30 Nonproportional II	<a href="#">GROWTH OF LONG FATIGUE CRACKS UNDER NON-PROPORTIONAL LOADINGS – EXPERIMENT AND SIMULATION</a> HOS, Y. - VORMWALD, M.	<input checked="" type="checkbox"/>
<a href="#">2.6.1230</a>	Room 6 02.06.2016 12:30-12:50 Nonproportional II	<a href="#">STUDY OF WHITE ETCHING CRACK FORMATION BY CYCLIC COMPRESSION-TORSION EXPERIMENTS</a> AVERBECK, S. - KERSCHER, E.	<input checked="" type="checkbox"/>
<a href="#">2.6.1250</a>	Room 6 02.06.2016 12:50-13:10 Nonproportional II	<a href="#">CREEP-FATIGUE LIFE EVALUATION OF HIGH CHROMIUM FERRITIC STEEL UNDER NON-PROPORTIONAL LOADING</a> MORISHITA, T. - MURAKAMI, Y. - ITOH, T. - TANIGAWA, H.	<input checked="" type="checkbox"/>
<a href="#">2.6.1310</a>	Room 6 02.06.2016 13:10-13:30 Nonproportional II	<a href="#">APPLICATION OF THE MOMENT OF INERTIA METHOD TO THE CRITICAL-PLANE APPROACH</a> MEGGIOLARO, M.A. - CASTRO, J.T.P. - WU, H.	<input checked="" type="checkbox"/>

<a href="#">2.6.1500</a> 02.06.2016 15:00-15:20	Room 6 Contact II	<a href="#">AN ALL-IN-ONE NUMERICAL METHODOLOGY FOR FRETTING WEAR AND FATIGUE LIFE ASSESMENT</a> LLAVORI, I. - URCHEGUI, M.A. - TATO, W. - GOMEZ, X.	<input checked="" type="checkbox"/>
<a href="#">2.6.1520</a> 02.06.2016 15:20-15:40	Room 6 Contact II	<a href="#">FATIGUE LIFE PREDICTIONS FOR THE WHEEL-RAIL CONTACT AREA IN LARGE OFFSHORE TURRET BEARINGS</a> LASSEN, T. - MIKULSKI, Z.	<input checked="" type="checkbox"/>
<a href="#">2.6.1540</a> 02.06.2016 15:40-16:00	Room 6 Contact II	<a href="#">A STUDY ON DETERMINATION AND PREDICTION OF FRETTING FATIGUE STRENGTH BY USING A PURE STRESS-BASED CRITERION.</a> HAUSCHILD, S. - HOFMANN, S. - LEIDICH, E.	<input checked="" type="checkbox"/>
<a href="#">2.6.1600</a> 02.06.2016 16:00-16:20	Room 6 Contact II	<a href="#">INVESTIGATION OF CONTACT INFLUENCE ON FRETTING FATIGUE CRACKING FROM NON COLLINEAR FRETTING FATIGUE EXPERIMENTS</a> GANDIOLLE, C. - MAUREL, V. - FOUVRY, S.	<input checked="" type="checkbox"/>
<a href="#">2.6.1650</a> 02.06.2016 16:50-17:10	Room 6 Experiments III	<a href="#">SYSTEMATIC VALIDATION OF EXPERIMENTAL DATA USABLE FOR VERIFYING THE MULTIAXIAL FATIGUE PREDICTION METHODS</a> PAPUGA, J. - PARMA, S. - RŮŽIČKA, M.	<input checked="" type="checkbox"/>
<a href="#">2.6.1710</a> 02.06.2016 17:10-17:30	Room 6 Experiments III	<a href="#">MULTIAXIAL ELASTOPLASTIC CYCLIC LOADING OF AUSTENITIC 316L STEEL</a> MAZÁNOVÁ, V. - POLÁK, J. - ŠKORÍK, V. - KRUML, T.	<input checked="" type="checkbox"/>
<a href="#">2.6.1730</a> 02.06.2016 17:30-17:50	Room 6 Experiments III	<a href="#">INTRINSIC BEHAVIOUR OF MODES II, III AND MIXED MODE II+III FATIGUE CRACKS IN METALLIC MATERIALS.</a> VOJTEK, T. - POKLUDA, J. - HOHENWARTER, A. - PIPPAN, R.	<input checked="" type="checkbox"/>
<a href="#">2.6.1750</a> 02.06.2016 17:50-18:10	Room 6 Experiments III	<a href="#">EXPERIMENTAL AND ANALYTICAL STUDY OF CRACKS UNDER BIAXIAL FATIGUE</a> MOKHTARISHIRAZBAD, M. - LOPEZ-CRESPO, P. - MORENO, B. - LOPEZ-MORENO, A. - CAMAS, D. - ZANGANEH, M.	<input checked="" type="checkbox"/>
<a href="#">2.8.1020</a> 02.06.2016 10:20-10:40	Room 8 Notch II	<a href="#">POINTED NOTCHES MADE OF TI-6AL-4V UNDER MULTIAXIAL LOADING: FATIGUE ASSESSMENT BASE ON LOCAL SED</a> BERTO, F. - CAMPAGNOLO, A. - WELO, T.	<input checked="" type="checkbox"/>
<a href="#">2.8.1040</a> 02.06.2016 10:40-11:00	Room 8 Notch II	<a href="#">A COMPARISON OF METHODS FOR CALCULATING NOTCH TIP STRAINS AND STRESSES UNDER MULTIAXIAL LOADING</a> LUTOVINOV, M. - ČERNÝ, J. - PAPUGA, JP.	<input checked="" type="checkbox"/>
<a href="#">2.8.1100</a> 02.06.2016 11:00-11:20	Room 8 Notch II	<a href="#">CHARACTERISTICS OF THE PROCESS ZONE AT SHARP NOTCH ROOTS SUBJECT TO IN-PLANE AND ANTI-PLANE LOADING</a> RAMESH, R. - HILLS, D.A.	<input checked="" type="checkbox"/>
<a href="#">2.8.1120</a> 02.06.2016 11:20-11:40	Room 8 Notch II	<a href="#">AVERAGED STRAIN ENERGY DENSITY-BASED SYNTHESIS OF CRACK INITIATION LIFE IN NOTCHED STEEL BARS UNDER TORSIONAL FATIGUE</a> BERTO, F. - CAMPAGNOLO, A. - MENEGHETTI, G. - TANAKA, K.	<input checked="" type="checkbox"/>
<a href="#">2.8.1210</a> 02.06.2016 12:10-12:30	Room 8 Experiments II	<a href="#">MULTIAXIAL FRACTURE IN PEARLITIC STEELS UNDER HYDROGEN EMBRITTLEMENT ENVIRONMENTAL CONDITIONS</a> TORIBIO, J. - VERGARA, D. - LORENZO, M.	<input checked="" type="checkbox"/>
<a href="#">2.8.1230</a> 02.06.2016 12:30-12:50	Room 8 Experiments II	<a href="#">BIAXIAL BEHAVIOR TESTS ON INCO718DA CROSS-SHAPED SAMPLES CONTROLLED BY DIGITAL IMAGE CORRELATION</a> PRISACARI, V.I. - PONCELET, M. - DESMORAT, R. - LONGUET, A. - SEROR, A.	<input checked="" type="checkbox"/>
<a href="#">2.8.1250</a> 02.06.2016 12:50-13:10	Room 8 Experiments II	<a href="#">BIAXIAL TESTING AND MODELLING OF FATIGUE IN NICKEL SUPERALLOYS</a> NOWELL, D. - PAYNTER, R. - SAHADI, J. - Pattison, S.J. - Foxb, N.	<input checked="" type="checkbox"/>



<a href="#">2.8.1310</a> 02.06.2016 13:10-13:30	Room 8 Experiments II	<a href="#">DEVELOPMENT OF A VERY HIGH CYCLE FATIGUE (VHCF) MULTIAXIAL TESTING DEVICE</a> VIEIRA, M. - FREITAS, J.M. - RIBEIRO, A. - REIS, L. - FONTE, M.	<input checked="" type="checkbox"/>
<a href="#">2.8.1500</a> 02.06.2016 15:00-15:20	Room 8 Materials I	<a href="#">TWO-PARAMETER FRACTURE MODEL FOR CORTICAL BONE</a> VANTADORI, S. - CARPINTERI, A. - BERTO, FB. - FORTESE, G. - RONCHEI, C. - SCORZA, D.	<input checked="" type="checkbox"/>
<a href="#">2.8.1520</a> 02.06.2016 15:20-15:40	Room 8 Materials I	<a href="#">TENSILE AND FATIGUE BEHAVIOUR OF AS-FORGED AZ31B EXTRUSION</a> GRYGUC, A. - JAHED, H.	<input checked="" type="checkbox"/>
<a href="#">2.8.1540</a> 02.06.2016 15:40-16:00	Room 8 Materials I	<a href="#">MULTIAXIAL FATIGUE ASSESSMENT OF CRANKSHAFTS BY LOCAL STRESS APPROACHES</a> LEITNER, M. - TUNCALI, Z. - CHEN, W. - STEINER, R. - GRÜN, F.	<input checked="" type="checkbox"/>
<a href="#">2.8.1600</a> 02.06.2016 16:00-16:20	Room 8 Materials I	<a href="#">FATIGUE LIFETIME ESTIMATION CONCEPT FOR SHORT FIBER REINFORCED THERMOPLASTICS</a> WILMES, A. - VORMWALD, M. - HORNBERGER, K.	<input checked="" type="checkbox"/>
<a href="#">2.8.1650</a> 02.06.2016 16:50-17:10	Room 8 Materials II	<a href="#">FATIGUE MODELLING FOR GAS NITRIDING</a> WEIL, H. - JÉGOU, S. - BARRALLIER, L. - COURLEUX, A. - BECK, G.	<input checked="" type="checkbox"/>
<a href="#">2.8.1710</a> 02.06.2016 17:10-17:30	Room 8 Materials II	<a href="#">THE EFFECT OF PLY FOLDS AS MANUFACTURING DEFECT ON THE FATIGUE LIFE OF CFRP MATERIALS</a> HÖRRMANN, S. - ADUMITROAIE, A. - SCHAGERL, M.	<input checked="" type="checkbox"/>
<a href="#">2.8.1730</a> 02.06.2016 17:30-17:50	Room 8 Materials II	<a href="#">LOW CYCLE BIAXIAL FATIGUE BEHAVIOR OF DIRECT AGED NICKEL-BASED SUPERALLOY INCONEL718 AND FRACTOGRAPHIC INVESTIGATIONS</a> SELVA, P. - LORRAINE, B. - ALEXIS, J. - SEROR, A. - LONGUET, A. - MARY, C. - DENARD, F.	<input checked="" type="checkbox"/>
<a href="#">2.8.1750</a> 02.06.2016 17:50-18:10	Room 8 Materials II	<a href="#">THEORETICAL STUDY ON MECHANICAL PROPERTIES OF AZ31B MAGNESIUM ALLOY SHEETS UNDER MULTIAXIAL LOADING CONDITIONS</a> ZNAIDI, A. - DAGHFAS, O. - GUELLOUZ, S. - NASRI, R.	<input checked="" type="checkbox"/>
<a href="#">3.1.0930</a> 03.06.2016 09:30-10:05	Auditorium Plenary lecture	<a href="#">MULTIAXIAL FATIGUE AND TOTAL LIFE APPROACHES: A PERSPECTIVE BASED ON TWO DECADES OF RESEARCH</a> SPAGNOLI, A. - CARPINTERI, A. - VANTADORI, V.	<input checked="" type="checkbox"/>
<a href="#">3.5.1020</a> 03.06.2016 10:20-10:40	Room 5 Materials III	<a href="#">EFFECT OF MOLDING PROCESSES ON MULTIAXIAL FATIGUE STRENGTH IN SHORT FIBRE REINFORCED POLYMER</a> SAWADA, T. - AOYAMA, H.	<input checked="" type="checkbox"/>
<a href="#">3.5.1040</a> 03.06.2016 10:40-11:00	Room 5 Materials III	<a href="#">COMPUTATIONAL SIMULATION OF BIAXIAL FATIGUE BEHAVIOUR OF LOTUS-TYPE POROUS MATERIAL</a> KRAMBERGER, J. - ŠORI, M. - ŠRAML, M. - GLODEŽ, S.	<input checked="" type="checkbox"/>
<a href="#">3.5.1100</a> 03.06.2016 11:00-11:20	Room 5 Materials III	<a href="#">HYDROGEN EMBRITTLEMENT PROPERTIES OF S45C CARBON STEEL UNDER MULTIAXIAL LOADING</a> YAMAMOTO, T. - MITSUNE, M. - TAKEMURA, T. - DOI, M. - TSUTSUMI, N. - ITOH, T.	<input checked="" type="checkbox"/>
<a href="#">3.5.1120</a> 03.06.2016 11:20-11:40	Room 5 Materials III	<a href="#">FIBRE-MATRIX DEBONDS IN UNIDIRECTIONAL FIBRE-REINFORCED COMPOSITES UNDER BIAXIAL TRANSVERSE LOADS</a> TAVARA, L. - MANTIC, V. - REINOSO, J. - ESTEFANI, A. - PARIS, F.	<input checked="" type="checkbox"/>
<a href="#">3.5.1210</a> 03.06.2016 12:10-12:30	Room 5 Numerical II	<a href="#">DUCTILE FRACTURE MODELLING AND J-Q FRACTURE MECHANICS: A CONSTRAINT BASED FRACTURE ASSESSMENT APPROACH</a> LARROSA, N.O. - AINSWORTH, R.A.	<input checked="" type="checkbox"/>

<a href="#">3.5.1230</a> 03.06.2016 12:30-12:50	Room 5 Numerical II	<a href="#">NUMERICAL INVESTIGATION ON FATIGUE GROWTH OF MULTI SURFACE-FLAWS IN SHAFT UNDER ROTARY BENDING BY S-FEM</a> SUGA, K. - KIKUCHI, M. - WADA, Y. - KAWAI, H.	<input checked="" type="checkbox"/>
<a href="#">3.5.1250</a> 03.06.2016 12:50-13:10	Room 5 Numerical II	<a href="#">NUMERICAL MODELING OF DUCTILE DAMAGE MECHANICS COUPLED WITH AN UNCONVENTIONAL PLASTICITY MODEL</a> FINCATO, R. - TSUTSUMI, S.	<input checked="" type="checkbox"/>
<a href="#">3.6.1020</a> 03.06.2016 10:20-10:40	Room 6 Crack III	<a href="#">EFFECT OF STATIC-CRACK OPENING STRESS ON SHEAR-MODE FATIGUE CRACK THRESHOLD OF BEARING STEELS</a> OKAZAKI, S. - WADA, K. - MATSUNAGA, H. - ENDO, M.	<input checked="" type="checkbox"/>
<a href="#">3.6.1040</a> 03.06.2016 10:40-11:00	Room 6 Crack III	<a href="#">COMBINED SIMULATION OF FATIGUE CRACK NUCLEATION AND PROPAGATION BASED ON A DAMAGE INDICATOR</a> SPRINGER, M. - KARUNAMURTHY, B. - NELHIEBEL, M. - PETTERMANN, H.	<input checked="" type="checkbox"/>
<a href="#">3.6.1100</a> 03.06.2016 11:00-11:20	Room 6 Crack III	<a href="#">FATIGUE CRACK GROWTH OF ALUMINIUM ALLOY 7075-T651 UNDER NON-PROPORTIONAL MIXED MODE I AND II LOADS</a> YU, X. - LI, L. - PROUST, G.	<input checked="" type="checkbox"/>
<a href="#">3.6.1120</a> 03.06.2016 11:20-11:40	Room 6 Crack III	<a href="#">CRACK INITIATION BEHAVIOR OF NOTCHED SPECIMENS UNDER SERVICE TYPE LOADING AT HIGH TEMPERATURE</a> CUI, L. - WANG, P.	<input checked="" type="checkbox"/>
<a href="#">3.6.1210</a> 03.06.2016 12:10-12:30	Room 6 Fatigue criteria III	<a href="#">A CRITICAL ANALYSIS OF THE MISES STRESS CRITERION USED IN FREQUENCY DOMAIN FATIGUE LIFE PREDICTION</a> NIESŁONY, A.	<input checked="" type="checkbox"/>
<a href="#">3.6.1230</a> 03.06.2016 12:30-12:50	Room 6 Fatigue criteria III	<a href="#">INTERACTION OF SHEAR AND NORMAL STRESSES IN MULTIAXIAL FATIGUE DAMAGE ANALYSIS</a> GATES, R. - FATEMI, A.	<input checked="" type="checkbox"/>
<a href="#">3.6.1250</a> 03.06.2016 12:50-13:10	Room 6 Fatigue criteria III	<a href="#">A MULTIAXIAL INCREMENTAL FATIGUE FORMULATION FOR THE CRITICAL-PLANE APPROACH</a> MEGGIOLARO, M.A. - CASTRO, J.T.P. - WU, H.	<input checked="" type="checkbox"/>

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