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**23rd European Conference on  
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# 23<sup>rd</sup> European Conference on Fracture – ECF23 Funchal, Madeira (Portugal) 2022

23<sup>rd</sup> European Conference on Fracture – ECF23 was held in Funchal, Madeira (Portugal), June 27 – July 1, 2022.

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## VIDEO-PRESENTATIONS

Presentation title	Authors	DOI
Prediction of fracture of polymer composite materials across different length scales	Pedro Camanho	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.01">https://doi.org/10.53254/ESISTUBE.ECF23.01</a>
Fatigue and Fracture of Additively Manufactured Metallic Materials and Components	Ali Fatemi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.02">https://doi.org/10.53254/ESISTUBE.ECF23.02</a>
Probing nanoscale mechanical properties of additively manufactured metallic alloys	Jianying He	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.03">https://doi.org/10.53254/ESISTUBE.ECF23.03</a>
Fracture in Structural Adhesives Joints- Achievements and Challenges	Bamber Blackman	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.04">https://doi.org/10.53254/ESISTUBE.ECF23.04</a>
Mechanical behaviour of biomedical materials	Vadim Silberschmidt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.05">https://doi.org/10.53254/ESISTUBE.ECF23.05</a>
Finite Fracture Mechanics to predict the initiation of new cracks in brittle materials	Dominique Leguillon	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.06">https://doi.org/10.53254/ESISTUBE.ECF23.06</a>
Structural Integrity of prestressed bridges	Giuseppe Andrea Ferro	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.07">https://doi.org/10.53254/ESISTUBE.ECF23.07</a>
Dependence of fatigue life on the sequence of individual load cycles of different amplitudes and mean values explained by fracture mechanics	Michael Vormwald	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.08">https://doi.org/10.53254/ESISTUBE.ECF23.08</a>
Revisiting Cleavage Fracture Modeling in Steels: From the Griffith Assumption to the Beremin Model, and Beyond	Claudio Ruggieri	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.09">https://doi.org/10.53254/ESISTUBE.ECF23.09</a>
Void-based predictive framework for hydrogen embrittlement	Zhiliang Zhang	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.10">https://doi.org/10.53254/ESISTUBE.ECF23.10</a>
Creating a new generation of functional multi-material fatigue resistant solid-state joints	Filippo Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.11">https://doi.org/10.53254/ESISTUBE.ECF23.11</a>
Revisiting characteristic region description for crack initiation and early growth in very-high-cycle fatigue	Youshi Hong	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.12">https://doi.org/10.53254/ESISTUBE.ECF23.12</a>
Modeling the Contribution of Fiber Bridging in Unidirectional Composites	Leslie Bank-Sills	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.13">https://doi.org/10.53254/ESISTUBE.ECF23.13</a>
Simulation of anisotropic thermomechanical fatigue crack growth in nickel base alloys	Meinhard Kuna	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.14">https://doi.org/10.53254/ESISTUBE.ECF23.14</a>

Presentation title	Authors	DOI
Understanding the effects of hydrogen on the transition reference temperature of a reactor pressure vessel steel using sub-sized pre-cracked Charpy specimens	Siddharth Suman, P. Spätig, H.P. Seifert	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.15">https://doi.org/10.53254/ESISTUBE.ECF23.15</a>
Innovative crystallizing materials for waterproofing concrete	L.Restuccia, D. Falliano, G.A. Ferro, G. Cometto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.16">https://doi.org/10.53254/ESISTUBE.ECF23.16</a>
Fracture mechanics performance of 3D printed amorphous thermoplastic polymers at impact and quasi-static loading	Ralf Lach,reas Schmidtke, Luis Castro Key, Beate Langer, Wolfgang Grellmann	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.17">https://doi.org/10.53254/ESISTUBE.ECF23.17</a>
Microstructure and fracture behaviour of the TRIP/TWIP laminate produced by accumulative roll bonding	Mikhail Seleznev, Nico Kaden, Christoph Renzing, Matthias Schmidtchen, Ulrich Prah, Horst Biermann, Anja Weidner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.18">https://doi.org/10.53254/ESISTUBE.ECF23.18</a>
In situ damage monitoring during ultrasonic fatigue testing by the advanced acoustic emission technique	M. Seleznev, A. Weidner, H. Biermann, A. Vinogradov	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.19">https://doi.org/10.53254/ESISTUBE.ECF23.19</a>
Patterns of Structural Formation of Tricalcium Phosphate Nano-coating by Density Functional Method	Alla V. Balueva , Iliia N. Dashevskiy, Patricia Todebush, Wynn Kwiatkowski	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.20">https://doi.org/10.53254/ESISTUBE.ECF23.20</a>
Extension of Finite Fracture Mechanics to dynamic crack initiation	A. Doitrand, G. Molnar, D. Leguillon, E. Martin, N. Carrère	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.21">https://doi.org/10.53254/ESISTUBE.ECF23.21</a>
Analysis of additively manufactured PLA containing notches using Failure Assessment Diagrams	Sergio Cicero, Víctor Martínez-Mata, Marcos Sánchez, Sergio Arrieta	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.22">https://doi.org/10.53254/ESISTUBE.ECF23.22</a>
Environmentally Fatigue Analysis of nuclear components within the framework of INCEFA-SCALE project	Sergio Arrieta, Sergio Cicero, Kevin Mottershead, Román Cicero, Alec McLennan, Stephan Courtin, Zaiqing Que	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.23">https://doi.org/10.53254/ESISTUBE.ECF23.23</a>
FRACTure mechanics TESTing of irradiated RPV steels by means of SUB-sized Specimens	Marcos Sánchez, Sergio Cicero, Borja Arroyo, Sergio Arrieta	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.24">https://doi.org/10.53254/ESISTUBE.ECF23.24</a>

Presentation title	Authors	DOI
The effect of cooling transients on tearing resistance of a rolled steel	S. Lindqvist, T. Seppänen, L. Sirkiä	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.25">https://doi.org/10.53254/ESISTUBE.ECF23.25</a>
Phase field modelling of hydrogen assisted fracture	Emilio Martínez-Pañeda, Philip K. Kristensen, Christian F. Niordson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.26">https://doi.org/10.53254/ESISTUBE.ECF23.26</a>
The role of plastic strain gradients on metallic fracture	Emilio Martínez-Pañeda, Norman A. Fleck	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.27">https://doi.org/10.53254/ESISTUBE.ECF23.27</a>
Stress justification of aeronautical structure by modeling of four-point bending tests on bonded woven oxide/oxide ceramic matrix composite joints	Thomas Vandellos, Jean-Charles Malenfant, Camille Le Breton	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.28">https://doi.org/10.53254/ESISTUBE.ECF23.28</a>
Intrinsic fracture properties of an epoxy adhesive modified with Core Shell Rubber (CSR) nano-particles	Alojz Ivankovic, Dong Quan, Neal Murphy	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.29">https://doi.org/10.53254/ESISTUBE.ECF23.29</a>
PBF-LB/M/316L vs. hot-rolled 316L - comparison of cyclic plastic material behavior	Johannes Diller, Dorina Siebert, Christina Radlbeck, Martin Mensinger	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.30">https://doi.org/10.53254/ESISTUBE.ECF23.30</a>
Investigation of hydrogen embrittlement in a high manganese twinning induced plasticity steel - a multiscale approach	Heena Khanchandani, Leigh T. Stephenson, Dierk Raabe, Stefan Zaefferer, Baptiste Gault,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.31">https://doi.org/10.53254/ESISTUBE.ECF23.31</a>
Inclusion of Plastic Strain Effects on Cleavage Fracture Toughness Predictions from Subsize Precracked Charpy Specimens	Claudio Ruggieri	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.32">https://doi.org/10.53254/ESISTUBE.ECF23.32</a>
Experimental investigation of ductile tearing within an aged austenitic stainless steel weld – Four point bending test on pipe	F. Tankoua, D. Seyedi, M. Bourgeois, S. Marie, A. Blouin	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.33">https://doi.org/10.53254/ESISTUBE.ECF23.33</a>
Experimental strength and fracture analysis of additively manufactured continuous carbon fibre reinforced lugs with load-tailored fibre placement	Stefan Sieberer, Markus Winklberger, Chethan Savandaiah, Christoph Kralovec, Martin Schagerl	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.34">https://doi.org/10.53254/ESISTUBE.ECF23.34</a>
Including effect of bending stress parallel to the crack plane on a developed local limit load model	Yuebao Lei	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.35">https://doi.org/10.53254/ESISTUBE.ECF23.35</a>
High-temperature fatigue crack growth from intrinsic material	T. Klünsner, T. Lube, P. Pichler, M. Krobath, K. Maier, L.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.36">https://doi.org/10.53254/ESISTUBE.ECF23.36</a>

Presentation title	Authors	DOI
defects in a WC-Co hard metal at 700°C in vacuum	Walch, W. Ecker, S. Marsoner, C. Czettl, R. Pippan	
Experimental and analytical investigation of Low Cycle Fatigue Damage at notches in a polycrystalline Nickel base superalloy	Adam Butz, Bernard Fedelich, Birgit Rehmer, Lucas Mäde, Markus Vöse	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.37">https://doi.org/10.53254/ESISTUBE.ECF23.37</a>
Fatigue of austenitic steel: Micromechanics aspects	Kachanov M., Pronina Y., Mishakin V.,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.38">https://doi.org/10.53254/ESISTUBE.ECF23.38</a>
Physical measuring techniques for VHCF assessment of wheel steel for high speed trains	Dietmar Eifler, Michael Koster	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.39">https://doi.org/10.53254/ESISTUBE.ECF23.39</a>
A CTOD-based crack growth law for thermomechanical fatigue	Stephan Gesell, Bernard Fedelich, Rahul Ganesh, Meinhard Kuna, Birgit Skrotzki	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.40">https://doi.org/10.53254/ESISTUBE.ECF23.40</a>
Temperature evolution as a fatigue parameter of 42CrMo4+QT	Martin Matušů, Jan Papuga, Matěj Mžourek	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.41">https://doi.org/10.53254/ESISTUBE.ECF23.41</a>
Numerical simulation of fracture behaviour of the shot-earth 772	Andrea Zanichelli, Sabrina Vantadori, Camilla Ronchei, Daniela Scorza	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.42">https://doi.org/10.53254/ESISTUBE.ECF23.42</a>
Medium carbon steels: when and why do low loads and holding times increase lifetime?	Max Benedikt Geilen, Marcus Klein, Robert Kühne, Matthias Oechsner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.43">https://doi.org/10.53254/ESISTUBE.ECF23.43</a>
Phase field fracture modelling for 3D printed materials: a preliminary study	S. Sangaletti, I. G. Garcia	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.44">https://doi.org/10.53254/ESISTUBE.ECF23.44</a>
Strain-life testing as a probe of hydrogen effects on deformation in steel microstructures	M.L. Martin, M. Connolly, P.E. Bradley, D.S. Lauria, R. Amaro, A.J. Slifka	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.45">https://doi.org/10.53254/ESISTUBE.ECF23.45</a>
Dimension-based failure analysis of formed internal threads in AlSi10Mg cast profiles using coupled DT/NDT testing methods	Yashar Sarafraz, Sebastian Stammkötter, Alexander Koch, Frank Walther	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.46">https://doi.org/10.53254/ESISTUBE.ECF23.46</a>
A multiscale model for predicting fatigue strength of bainitic steel considering grain boundaries effects by a generalised evaluation method	Hongchang Zhou, Zijie Liu, Masao Kinefuchi, Kazuki Shibamura	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.47">https://doi.org/10.53254/ESISTUBE.ECF23.47</a>

Presentation title	Authors	DOI
Delayed fracture susceptibility of a 1.5 GPa class dual phase steel evaluated by U-bend test	Rama Srinivas Varanasi, Motomichi Koyama, Yuki Shibayama, Shuya Chiba, Saya Ajito, Tomohiko Hojo, Eiji Akiyama	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.48">https://doi.org/10.53254/ESISTUBE.ECF23.48</a>
Fracture toughness of the shot-earth 772	Sabrina Vantadori, Camilla Ronchei, Daniela Scorza,rea Zanichelli,rea Carpinteri	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.49">https://doi.org/10.53254/ESISTUBE.ECF23.49</a>
Solidification of a water drop – A paradox when multi-cracking	O. Haddad, D. Leguillon	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.50">https://doi.org/10.53254/ESISTUBE.ECF23.50</a>
Influence of recyclates on mechanical properties and lifetime performance of polypropylene materials	Jessica Hinczica, Mario Messiha,reas Frank, Gerald Pinter	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.51">https://doi.org/10.53254/ESISTUBE.ECF23.51</a>
Effect of Thermal Shock Cycles on the Shear Strength of Carbon Composite Adhesive Joint	Mariusz Kłonica	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.52">https://doi.org/10.53254/ESISTUBE.ECF23.52</a>
Microstructures and HE fracture mechanisms in 17-4PH martensitic stainless steel	Guocai Chai, Tomas Antonsson, Sten Wessman, Lena Ryde	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.53">https://doi.org/10.53254/ESISTUBE.ECF23.53</a>
Adapted multiaxial fatigue models based on the critical plane approach to consider the presence of small defects in steel	Lucas Carneiro Araujo, Déborah de Oliveira, Marcos Venicius Soares Pereira, José Alexander Araújo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.54">https://doi.org/10.53254/ESISTUBE.ECF23.54</a>
Finite Element Modelling of Hydrogen transport in a multimaterial component under complex thermomechanical loadings	Shihao Bian, Jonathan Mougnot, Tom Wauters, Xavier Bonnin, Richard Pitts, Yann Charles	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.55">https://doi.org/10.53254/ESISTUBE.ECF23.55</a>
Evaluation of the effectiveness of Q and unified constraint parameters on the uniaxial and biaxial bending specimen	Zeng Chen, Konstantinos Kouzoumis, Rob Kulka, Isabel Hadley, Mahmoud Mostafavi,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.56">https://doi.org/10.53254/ESISTUBE.ECF23.56</a>
Effect of the manufacturing process on the bending characteristics of hybrid structures in Titanium-Lattice/FRP	Costanzo Bellini, Rosario Borrelli, Francesco Di Caprio, Vittorio Di Cocco, Stefania Franchitti,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.57">https://doi.org/10.53254/ESISTUBE.ECF23.57</a>

Presentation title	Authors	DOI
	Francesco Iacoviello, Larisa Patricia Mocanu, Luca Sorrentino	
The circularly truncated Brazilian disc	Christos F. Markides, Stavros K. Kourkoulis	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.58">https://doi.org/10.53254/ESISTUBE.ECF23.58</a>
Cyclic response and low-cycle fatigue strength of a Laser Powder Bed Fusion (L-PBF) additive manufactured AISI 316L steel	D. Benasciutti, M. Pelegatti, F. De Bona, A. Lanzutti, E. Salvati, M. Sortino, J. Srnc Novak, F. Sordetti, G. Totis, E. Vaglio	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.59">https://doi.org/10.53254/ESISTUBE.ECF23.59</a>
20kHz cantilever VHCF bending fatigue of high strength strip steels	Katerina Chantziara, Bergström Jens, Sadek Mohamed, Tofique Waqas, Grehk Mikael	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.60">https://doi.org/10.53254/ESISTUBE.ECF23.60</a>
A microstructure image-based numerical model for predicting the fracture toughness of alumina trihydrate (ATH) filled poly(methyl methacrylate) (PMMA) composites	Ruoyu Zhang, Idris Mohammed, Ambrose Taylor, Maria Charalambides	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.61">https://doi.org/10.53254/ESISTUBE.ECF23.61</a>
Master curve evaluation of ANP-5 steel by using mini-CT specimens	Marcos Sánchez, Sergio Cicero, Borja Arroyo, Sergio Arrieta	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.62">https://doi.org/10.53254/ESISTUBE.ECF23.62</a>
Single-point laser scanning strategy for the SLM fabrication of Ti-6Al-4V micro-strut lattices: influence of strut size and orientation	C. O'Keeffe, C. Lally, D.J. Kelly,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.63">https://doi.org/10.53254/ESISTUBE.ECF23.63</a>
Simulation of crack propagation in a thick walled cylinder using XFEM	D. F. Mora, M. Niffenegger, G. Mao	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.64">https://doi.org/10.53254/ESISTUBE.ECF23.64</a>
Damage mechanisms in additively manufactured 316L stainless steel subjected to thermomechanical fatigue	Tomáš Babinský, Ivo Šulák, Adam Weiser, Lukas Englert, Stefan Guth	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.65">https://doi.org/10.53254/ESISTUBE.ECF23.65</a>
Reliability based structural analysis of a bucket wheel excavator's load-bearing steel structure	Ana Petrović, Nikola Momčilović	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.66">https://doi.org/10.53254/ESISTUBE.ECF23.66</a>
Numerical investigation of laser beam-welded AA2198 joints under different artificial ageing conditions	T.N. Examilioti, A. Germanou, P. Papanikos, N. Kashaev, B. Klusemann, N.D. Alexopoulos	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.67">https://doi.org/10.53254/ESISTUBE.ECF23.67</a>



Presentation title	Authors	DOI
Experimental research on high cycle fatigue failure of hot forging tool steels	Erik Calvo-García, Sara Valverde, David Álvarez, Antonio Riveiro, Manuel Román, César Magdalena, Pablo Pou-Álvarez, Aida Badaoui, Rafael Comesaña,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.68">https://doi.org/10.53254/ESISTUBE.ECF23.68</a>
3D Computational Welding Mechanics applied to IN625 Nickel-Base Alloy	P. Ferro, G. Edison, H. Vemanaboina, F. Bonollo, F. Berto, F. Leoni	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.69">https://doi.org/10.53254/ESISTUBE.ECF23.69</a>
Probabilistic Reliability Assessment of Laser Beam Welded Ti-6Al-4V Components in the Presence of Internal Defects	Nikolai Kashaev, Fedor Fomin	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.70">https://doi.org/10.53254/ESISTUBE.ECF23.70</a>
Lifetime predictions of notches with small radii in the field of high and very high cycle fatigue	Kamila Kozáková, Jan Klusák	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.71">https://doi.org/10.53254/ESISTUBE.ECF23.71</a>
Investigation into Mechanical Properties and Failure Mechanisms of Novel Sandwich Composite Material with Carbon Fibre/Epoxy Facesheets and PVC Foam Core	Ayse Cagla Balaban, Meltem Evren Toygar	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.72">https://doi.org/10.53254/ESISTUBE.ECF23.72</a>
Usage of Nanomaterials on Carbon Fibre/Epoxy Composites for Improvement on Their Material Properties	Ayse Cagla Balaban, Meltem Evren Toygar	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.73">https://doi.org/10.53254/ESISTUBE.ECF23.73</a>
Mixed mode crack initiation from square holes	Aurelien Doitrand, Pietro Cornetti, Alberto Sapora, Rafael Estevez	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.74">https://doi.org/10.53254/ESISTUBE.ECF23.74</a>
Experimental investigation of Dynamic strain localization in Additively manufactured Titanium alloys	Govind Gour, Nik Petrinic, Antonio Pellegrino	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.75">https://doi.org/10.53254/ESISTUBE.ECF23.75</a>
Efficient Thermomechanical Modelling and Simulation of Laser Powder Bed Fusion process for the Prediction of Residual Stresses of Parts	Harry O. Psihoyos, George N. Lampeas	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.76">https://doi.org/10.53254/ESISTUBE.ECF23.76</a>
Measurement of strain and temperature by fiber-optic sensors embedded in samples obtained using additive technology	Matveenko V.P., Kosheleva N.A., Serovaev G.S.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.77">https://doi.org/10.53254/ESISTUBE.ECF23.77</a>
Analysis of the notch effect of weld joint	Chmelko, V., Harakal, M,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.78">https://doi.org/10.53254/ESISTUBE.ECF23.78</a>

Presentation title	Authors	DOI
	Margetin, M., Žlábek, P.	
Influence of additional factors on the integrity of pipelines with small corrosion defects	Chmelko, V., Šulko, M. Garan. M, O. Zvirko, Abilio M.P. De Jesus	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.79">https://doi.org/10.53254/ESISTUBE.ECF23.79</a>
The Beneficial Effect of Autofrettage on the Combined 3-D Stress Intensity Factors for Inner Radial Crack Arrays in a Spherical Pressure Vessel	M. Perl , M. Steiner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.80">https://doi.org/10.53254/ESISTUBE.ECF23.80</a>
Multi-Fractal Scaling Law applied to VHCF with an emphasis on statistical fluctuations	Francesco Montagnoli , Stefano Invernizzi, Alberto Carpinteri	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.81">https://doi.org/10.53254/ESISTUBE.ECF23.81</a>
Biaxial testing of EPDM rubbers for use in the automotive field: development of a fixture for uniaxial testing machines	Matteo Migliorato, Alberto Campagnolo, Giovanni Meneghetti, Emanuele Ghirelli, Claudiu Alexandru Ion, Matteo Bergonzoni	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.82">https://doi.org/10.53254/ESISTUBE.ECF23.82</a>
Qualification of uniform fatigue damage tolerance law for additively manufactured and cast Al-Si alloys	Jochen Tenkamp, Sebastian Stammkötter, Frank Walther	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.83">https://doi.org/10.53254/ESISTUBE.ECF23.83</a>
International Fracture Mechanics Summer Schools in ex-Yugoslavia and Serbia from 1980-2008 – in memory to Prof. Stojan Sedmak	Aleksandar Sedmak, Blagoj Petrovski, Simon Sedmak	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.84">https://doi.org/10.53254/ESISTUBE.ECF23.84</a>
How should we define compression after impact fatigue growth in CFRP ?	Davide Biagini, John-Alan Pascoe, René Alderliesten	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.85">https://doi.org/10.53254/ESISTUBE.ECF23.85</a>
Non-destructive direct current potential drop assessment of forming-induced pre-damage of AISI 5115 steel	Lukas Lücker, Lars Lingnau, Frank Walther	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.86">https://doi.org/10.53254/ESISTUBE.ECF23.86</a>
Locale approach to fracture of titanium alloys: new insights into the mechanisms of hydrogen embrittlement	A. Poloni, , A. Oudriss, J. Creus, J. Bouhattate, E. Conforto, S. Frappart, T. Millot, A. Mathis, X. Feaugas	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.87">https://doi.org/10.53254/ESISTUBE.ECF23.87</a>

Presentation title	Authors	DOI
Numerical model of corrosion influence on mechanical behavior of steel AH36	Darko Pastorcic, Goran Vukelic, Zeljko Bozic	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.88">https://doi.org/10.53254/ESISTUBE.ECF23.88</a>
Fracture Toughness of a 9Cr ODS steel determined on tube specimens	B. Rais, J. Garnier, E. Pons, B. Marini, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.89">https://doi.org/10.53254/ESISTUBE.ECF23.89</a>
Hydrogen embrittlement of a martensitic carbon steel at high hydrogen pressure	Bernd Loder, Gregor Mori	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.90">https://doi.org/10.53254/ESISTUBE.ECF23.90</a>
Finer-scale residual stress characterisation in laser-welded Eurofer97 steel for fusion plant	Tan Sui	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.91">https://doi.org/10.53254/ESISTUBE.ECF23.91</a>
Simulation of slant and cup-cone fracture using a nonlocal GTN model integrating two internal lengths	A. El Ouazani Tuhami , S. Feld-Payet , S. Quilici, N. Osipov, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.92">https://doi.org/10.53254/ESISTUBE.ECF23.92</a>
Size effect and finite fracture mechanics. Application to the study of microcracks initiation in particle reinforced composites	I.G. García, J. Justo, A. Zurita, V. Mantic, M.T. Aranda	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.93">https://doi.org/10.53254/ESISTUBE.ECF23.93</a>
Effect of chemical heterogeneities (segregations) on fracture toughness of low alloy ferritic steel used for large forged components in the nuclear industry	A. Christal, A. Parrot, P. Todeschini, A-F. Gourgues, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.94">https://doi.org/10.53254/ESISTUBE.ECF23.94</a>
On the localizability of voids in adhesive joints loaded in mode I	Dennis Domladovac, Stephan Marzi, Christian Wolf, Igor Kryukov, Martin Kahlmeyer, Stefan Böhm	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.95">https://doi.org/10.53254/ESISTUBE.ECF23.95</a>
Effect of a single overload on the cyclic R-curve behaviour of a $\gamma$ -titanium aluminide	Arthur Lintner, Reinhard Pippan, Martin Schloffer, Anton Hohenwarter	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.96">https://doi.org/10.53254/ESISTUBE.ECF23.96</a>
Hydrogen increased ductility due to martensitic transformation versus hydrogen embrittlement in 304L stainless steel: the role of the deformation rate	Lisa Claeys , Tom Depover , Kim Verbeken	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.97">https://doi.org/10.53254/ESISTUBE.ECF23.97</a>
Analysis of Compressive Behaviour of Pristine and Cracked 5-Stringer Butt-Joint Panels Made from Carbon Fibre Reinforced Thermoplastic Polymer	Jakub Šedek, Jarmil Vlach, Roman Růžek	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.98">https://doi.org/10.53254/ESISTUBE.ECF23.98</a>
Experimental and numerical study of fracture behaviour of	U. Jargalsaikhan, N. Leung, H. Wan, L.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.99">https://doi.org/10.53254/ESISTUBE.ECF23.99</a>

Presentation title	Authors	DOI
bioinspired alumina-based dental crown composites	Hui, B. Su, X. Song, T. Sui	
Investigation of the Influence of Osteoporosis and Aging on Periprosthetic Femoral Fractures using Finite Element Analyses	N.S. Hennicke, M. Sander	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.100">https://doi.org/10.53254/ESISTUBE.ECF23.100</a>
Developing Stress Corrosion Cracking with Corrosion Small Punch Test	K. Yuan, R. Clark, M. Mostafavi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.101">https://doi.org/10.53254/ESISTUBE.ECF23.101</a>
Multiphysics FE-analysis and measurements for thermo-mechanical fatigue crack growth rate testing applications	A. Sulamanidze, V. Shlyannikov	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.102">https://doi.org/10.53254/ESISTUBE.ECF23.102</a>
Effects of Liquid Metal Environment on Slip Band Morphology of 316L Austenitic Stainless Steel	Fitriani C.A., Gavrilov S., Verbeken K.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.103">https://doi.org/10.53254/ESISTUBE.ECF23.103</a>
Structural-temporal peculiarities of dynamic deformation of rock	Nina Selyutina,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.104">https://doi.org/10.53254/ESISTUBE.ECF23.104</a>
Numerical modeling of energy dissipation during fatigue crack propagation in metals	A. Kostina, A. Izuimova, O. Plekhov	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.105">https://doi.org/10.53254/ESISTUBE.ECF23.105</a>
Determination of cracks using multiple DC potential drop measurements – FEM Analysis and Experimental Verification of an advanced model	Mike Nahbein, Jürgen Bär	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.106">https://doi.org/10.53254/ESISTUBE.ECF23.106</a>
Hydrogen effects on micro-damage arrest in an FCC-HCP transformation-induced plasticity steel	Motomichi Koyama, Chunxi Hao, Saya Ajito, Eiji Akiyama	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.107">https://doi.org/10.53254/ESISTUBE.ECF23.107</a>
Fatigue limit estimation of welded joints under constant amplitude uniaxial loading adopting the cyclic R-curve analysis	Luca Vecchiato, Giovanni Meneghetti, Giovanni Moda, Mauro Madia	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.108">https://doi.org/10.53254/ESISTUBE.ECF23.108</a>
Structural Integrity Assessment of Plates Containing Semi-elliptical Surface Cracks: Finite Element Fracture Analyses	Shiwen Wang, Paul A Shard, Antony M Hurst, Yuebao Lei	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.109">https://doi.org/10.53254/ESISTUBE.ECF23.109</a>
Multiaxial fatigue behavior of a Low nickel/High nitrogen austenitic steel with superimposed static compression and torsional loads	Timothy Ngeru, Dzhem Kurtulan, Stefanie Hanke	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.110">https://doi.org/10.53254/ESISTUBE.ECF23.110</a>
Fatigue delamination growth: is UD testing enough?	Mike van der Panne, John-Alan Pascoe,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.111">https://doi.org/10.53254/ESISTUBE.ECF23.111</a>

Presentation title	Authors	DOI
Numerical modelling of cleavage in high strength steels with parametric study on microstructures	Quanxin Jiang , V.M. Bertolo , V.A. Popovich , J. Sietsma, Carey L. Walters,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.112">https://doi.org/10.53254/ESISTUBE.ECF23.112</a>
Hydrogen trapping and embrittlement revealed in martensitic Fe-xAl-yC steels	M. Pinson, H. Springer, T. Depover, K. Verbeken	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.113">https://doi.org/10.53254/ESISTUBE.ECF23.113</a>
Effect of specimen size and thickness on ductile crack growth of a high toughness 316L steel	S. Cheng, J. Garnier, B. Marini, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.114">https://doi.org/10.53254/ESISTUBE.ECF23.114</a>
Investigation on the fatigue resistance of transverse attachments and design of VA fatigue tests	Davide Leonetti, Yukina Takai, Koji Kinoshita, Alain Nussbaumer	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.115">https://doi.org/10.53254/ESISTUBE.ECF23.115</a>
A novel FFT-based homogenization scheme for cohesive zones	Felix Bödeker, Pauline Herr, Ramin Moshfegh,ers Biel, Stephan Marzi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.116">https://doi.org/10.53254/ESISTUBE.ECF23.116</a>
Numerical Investigation on the Effect of Fillers on the Fracture Behavior of Adhesives	Pauline Herr, Felix Bödeker, Stephan Marzi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.117">https://doi.org/10.53254/ESISTUBE.ECF23.117</a>
A numerical method for obtaining plasticity-induced crack closure	Giovanna Calvín, Mikel Escalero, Miguel Muñiz-Calvente, Haritz Zabala	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.118">https://doi.org/10.53254/ESISTUBE.ECF23.118</a>
A Machine Learning Approach to Finite Fatigue Life Prediction in Additively Manufactured Metals	Enrico Salvati, Alessandro Tognan, Luca Laurenti	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.119">https://doi.org/10.53254/ESISTUBE.ECF23.119</a>
A probabilistic FEM approach for the design of glass components	Gregorio Mariggiò, Giulio Ventura, Mauro Corrado	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.120">https://doi.org/10.53254/ESISTUBE.ECF23.120</a>
Effect of the impact pulse on the dynamic fracture toughness behavior of high-strength steel and nodular cast iron	Kevin Koch, Sebastian Henschel, Lutz Krüger	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.121">https://doi.org/10.53254/ESISTUBE.ECF23.121</a>
Microstructural Investigation of Ti-6Al-4V after High Pressure Torsion Fatigue (HPTF) Experiments by Scanning Electron Microscopy (EBSD)	Ahmet Karkar	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.122">https://doi.org/10.53254/ESISTUBE.ECF23.122</a>
Role of softening in reduced ductility of hydrogen-affected pipeline steel	A. Asgari, M. Adly, T. Boot, V. Popovich, C.L. Walters	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.123">https://doi.org/10.53254/ESISTUBE.ECF23.123</a>
Cement Paste and Cement-Steel Interface Cohesive Parameters	J. Lhonneur, C. Péliou, , F. Jamin,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.124">https://doi.org/10.53254/ESISTUBE.ECF23.124</a>

Presentation title	Authors	DOI
Estimates: Supervised Learning on Numerical Simulations Results	Y. Monerie, M.S. El Youssoufi,	
Anisotropy of hydrogen embrittlement in ferrite-pearlitic steel considering operational degradation	Olha Zvirko	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.125">https://doi.org/10.53254/ESISTUBE.ECF23.125</a>
A study on defect-induced fatigue failures in SLM Ti6Al4V Alloy	Litton Bhandari, Vidit Gaur	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.126">https://doi.org/10.53254/ESISTUBE.ECF23.126</a>
Complex stress state analysis for aluminum alloy accounting for damage accumulation	Kosov D. , Fedorenkov D., Tumanov A.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.127">https://doi.org/10.53254/ESISTUBE.ECF23.127</a>
Influence of non-singular stresses upon instability of coplanar crack propagation in mixed-mode I+III	Jean-Baptiste Leblond, Mathias Lebihain, Laurent Ponson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.128">https://doi.org/10.53254/ESISTUBE.ECF23.128</a>
Implementation of an s-version finite element method for analyzing elastic-plastic problems	Shengwen Tu, Naoto Mitsume, Naoki Morita, Kazuki Shibanuma,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.129">https://doi.org/10.53254/ESISTUBE.ECF23.129</a>
A novel method for studying crack initiation mechanism in materials in very high cycle regime	Guocai Chai, Jens Bergström, Christer Burman	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.130">https://doi.org/10.53254/ESISTUBE.ECF23.130</a>
Finite Fracture Mechanics from the macro- to the micro-scale. Comparison with the Phase Field model	Sara Jiménez Alfaro, Dominique Leguillon, José Reinoso Cuevas	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.131">https://doi.org/10.53254/ESISTUBE.ECF23.131</a>
Tribological adaption of a failure hypothesis for fretting fatigue based on the local parameters slip amplitude and contact pressure	Denny Knabner, Lukáš Suchý, Sebastian Vetter, Alexander Hasse	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.132">https://doi.org/10.53254/ESISTUBE.ECF23.132</a>
Extending the finite fracture mechanics coupled criterion to quasi-brittle materials – Analytical derivation and experimental evidence	Zohar Yosibash, Dominique Leguillon	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.133">https://doi.org/10.53254/ESISTUBE.ECF23.133</a>
Numerical evaluation of damaged torque link fatigue life	A. Grbović , G. Kastratović , A. Sedmak , N. Vidanović	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.134">https://doi.org/10.53254/ESISTUBE.ECF23.134</a>
Crack arrest by curved interfaces: experimental and numerical analysis	M.T. Aranda, I.G. García, J. Reinoso, V.Mantic	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.135">https://doi.org/10.53254/ESISTUBE.ECF23.135</a>
A global-local approach for phase field fracture modeling of shell structures: Application to static and fatigue loading conditions with efficient quasi-Newton solution	Zeng Liu, , Jose Reinoso, Marco Paggi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.136">https://doi.org/10.53254/ESISTUBE.ECF23.136</a>

Presentation title	Authors	DOI
Experimental And Analytical Investigation of Tensile Behavior of P91 Steel Using Small Punch Testing	Gauri Mahalleand Abdullah Al Mamun	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.137">https://doi.org/10.53254/ESISTUBE.ECF23.137</a>
Automated FEA-assisted fatigue design of welded structures subjected to variable amplitude multiaxial loads according to the Peak Stress Method	Alberto Visentin, Giovanni Meneghetti, Alberto Campagnolo, Luca Vecchiato	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.138">https://doi.org/10.53254/ESISTUBE.ECF23.138</a>
Monitoring growing cracks in aircraft lugs by means of the electro-mechanical impedance method	Markus Winklberger, Christoph Kralovec, Peter Heftberger, Martin Schagerl	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.139">https://doi.org/10.53254/ESISTUBE.ECF23.139</a>
Friction stir welds with enhanced fatigue strength and life via laser peening	J.R. Antunes, S. Ganguly, Y. Xu, , P.E. Irving, D. Furfari, D. Busse, M. Pacchione	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.140">https://doi.org/10.53254/ESISTUBE.ECF23.140</a>
Quantification of fatigue damage and its effect on fatigue limit	Bowen Chen, Shigeru Hamada	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.141">https://doi.org/10.53254/ESISTUBE.ECF23.141</a>
Effect of Stress Field on TRIP behavior and its influence on fracture behavior of Commercial Stainless Steels at cryogenic temperature	Ritsuki Morohoshi, Tomoya Kawabata	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.142">https://doi.org/10.53254/ESISTUBE.ECF23.142</a>
Effect of corrosion on fatigue behavior of welded AA2024-T3 alloy	V. K. Yadav, V. Gaur, I. V. Singh	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.143">https://doi.org/10.53254/ESISTUBE.ECF23.143</a>
Robust and cost-efficient continuous-discontinuous description of failure: application to the simulation of complex crack paths	A. El Ouazani Tuhami , S. Feld- Payet , S. Quilici, N. Osipov, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.144">https://doi.org/10.53254/ESISTUBE.ECF23.144</a>
Stress corrosion assisted collapse in flat tensile specimens of high-strength structural steel	Mihaela Iordachescu, Patricia Santos,rés Valiente, Maricely De Abreu,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.145">https://doi.org/10.53254/ESISTUBE.ECF23.145</a>
Integrated model for predicting deformation and cavity growth caused by Coble creep	Taiga Fukada, Kazuki Shibanuma	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.146">https://doi.org/10.53254/ESISTUBE.ECF23.146</a>
In vitro study of the deployment performance of 3D printed stents in the diseased artery with the lipid arterial plaques	M. Abdulsalam, J. Feng, R. Garrard, MM. Attallah, F Serracino-Inglott L. Zhao	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.147">https://doi.org/10.53254/ESISTUBE.ECF23.147</a>

Presentation title	Authors	DOI
Quantification of the Strain Rate Effect in VHCF Testing of Structural Steels	Milne, L. , Gorash, Y. Comlekci, T., Mackenzie, D.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.148">https://doi.org/10.53254/ESISTUBE.ECF23.148</a>
On the effect of residual strength on debonding mechanism in the direct shear test	A. M. Mirzaei , M. Corrado, A. Sapora, P. Cornetti	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.149">https://doi.org/10.53254/ESISTUBE.ECF23.149</a>
Coefficients of the Williams Power Expansion of the Near Crack Tip Stress Field of Continuum Fracture Mechanics at the Nanoscale	Larisa Stepanova, Oksana Belova	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.150">https://doi.org/10.53254/ESISTUBE.ECF23.150</a>
Structural integrity of endodontic files using transient thermography and eddy currents testing	Guilherme Saldanha, Miguel A. Machado, Telmo G. Santos, Rui F. Martins	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.151">https://doi.org/10.53254/ESISTUBE.ECF23.151</a>
Influence of the fin to baffle distance on temperature, stress distribution and fatigue life of a cooled Exhaust Gas Recirculation (EGR) system	Ricardo Pires, Rui F. Martins, Rodolfo Prieto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.152">https://doi.org/10.53254/ESISTUBE.ECF23.152</a>
Fracture testing of adhesive joints in mixed-mode I+III	Niklas Ladwig, Stephan Marzi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.153">https://doi.org/10.53254/ESISTUBE.ECF23.153</a>
Evaluation of fatigue parameters estimation methods with regard to specific ranges of fatigue lives and relevant monotonic properties	Robert Basan, Tea Marohnić, Ela Marković	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.154">https://doi.org/10.53254/ESISTUBE.ECF23.154</a>
Preliminary phase field implementation for bone fracture considering heterogeneous elastic and fracture properties	M. Levy, Z. Yosibash	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.155">https://doi.org/10.53254/ESISTUBE.ECF23.155</a>
Crack Propagation Life Prediction of a Single Lap Shear Joint: A Linear Elastic Fracture Mechanics Based Machine Learning Approach	Zafer Yüce, Paşa Yayla, Alev Taşkın	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.156">https://doi.org/10.53254/ESISTUBE.ECF23.156</a>
Analysis of unfolding failure in unidirectional and cross-ply CFRP curved laminates: Numerical and Experimental Study	S. Bushpalli , E. Graciani , B. López-Romano	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.157">https://doi.org/10.53254/ESISTUBE.ECF23.157</a>
Fracture toughness and morphology of block copolymer toughened epoxy	Bernd Wetzel,reas Klingler, Mohamadreza Nasirzade Tabrizi, Claudius Pirro	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.158">https://doi.org/10.53254/ESISTUBE.ECF23.158</a>
Temperature and strain rate dependence of the mechanical response of polymeric syntactic foams under tension and compression loading	Yue Chen, Vito Tagarielli, Gustavo Quino Quispe, Antonio Pellegrino	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.159">https://doi.org/10.53254/ESISTUBE.ECF23.159</a>



Presentation title	Authors	DOI
Damage Assessment for Steel Structures Subjected to cyclic pre-strain	Rafael Magalhães de Melo Freire, Naoya Oie, Tomoya Kawabata	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.160">https://doi.org/10.53254/ESISTUBE.ECF23.160</a>
Improvement of fracture toughness based on auxetic patterns fabricated by metallic extrusion in 3D printing	Marouene Zouaoui, Omar Saifouni, Julien Gardan, Ali Makke, Naman Recho, Julien Kauffmann	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.161">https://doi.org/10.53254/ESISTUBE.ECF23.161</a>
Structural steel crack propagation experimental and numerical analysis	Comlekci, T., Marin, J., Milne, L. , Gorash, Y., Mackenzie, D.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.162">https://doi.org/10.53254/ESISTUBE.ECF23.162</a>
Electrochemical detection of hydrogen desorption during deformation in austenitic stainless steels	Saya Ajito, Tomohiko Hojo, Motomichi Koyama, Eiji Akiyama	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.163">https://doi.org/10.53254/ESISTUBE.ECF23.163</a>
Reformation of Pop-in Judgment in CTOD Standard Using Novel Brittle Crack Propagation Model Incorporating Logical Energy Consumption Law	Toru Yagi , Tomoya Kawabata , Yasuhito Imai	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.164">https://doi.org/10.53254/ESISTUBE.ECF23.164</a>
Hydrogen diffusion behavior in a stretch-formed high strength steel sheet	Hayato Nishimura, Saya Ajito, Tomohiko Hojo, Motomichi Koyama, Ken-ich Fujita, Yuki Shibayama, Hiroshi Kakinuma, Eiji Akiyama	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.165">https://doi.org/10.53254/ESISTUBE.ECF23.165</a>
A continuum fatigue damage model enriched by information from the grain structure	Paul Hoffmann, Michael Nelhiebel, Heinz E. Pettermann, Melanie Todt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.166">https://doi.org/10.53254/ESISTUBE.ECF23.166</a>
Thermo-mechanical fatigue damage modeling and material parameter calibration for thin film metallizations	Paul Hoffmann, Sebastian Moser, Corinna Kofler, Michael Nelhiebel, Daniel Tscharnuter, Balamurugan Karunamurthy, Heinz E. Pettermann, Melanie Todt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.167">https://doi.org/10.53254/ESISTUBE.ECF23.167</a>
An Investigation of T-Stress Effect on Fatigue Crack Deviation in Thick	Abderrahman Guelzim , Alain Köster, Vincent	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.168">https://doi.org/10.53254/ESISTUBE.ECF23.168</a>

Presentation title	Authors	DOI
Rolled Plates of 2050-T84 Aluminum Alloy	Maurel, Vincent Chiaruttini, Érembert Nizery	
Couple analysis of DIC and FEM to quantify strain fields and crack-flank displacements in structural materials under cyclic mixed-mode I/II fracture	Shlyannikov V., Fedotova D., Khamidullin R.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.169">https://doi.org/10.53254/ESISTUBE.ECF23.169</a>
Comparison of Macroscopic and Local Cleavage Fracture Assessment of a Reactor Pressure Vessel Steel Weld at Various Loading Rates	Johannes Tlatlik	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.170">https://doi.org/10.53254/ESISTUBE.ECF23.170</a>
Nickel-Titanium peripheral stents: can fracture mechanics shed light on their fatigue failure?	Francesca Berti, Alma Brambilla, Roberto Porcellato, Luca Patriarca, Lorenza Petrini	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.171">https://doi.org/10.53254/ESISTUBE.ECF23.171</a>
On the driving force for creep crack growth	O. Kolednik, A. Tiwari, C. Posch, M. Kegl	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.172">https://doi.org/10.53254/ESISTUBE.ECF23.172</a>
Search for Good Local Compression Process Condition with Bayesian Optimization	Takumi Ozawa, Tomoya Kawabata, Yoshiki Mikami	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.173">https://doi.org/10.53254/ESISTUBE.ECF23.173</a>
Fractographic challenges for the determination of the critical hydrogen content in high-strength steel wires	Mathias Truschner, Hubert Köberl, Peter Gruber, Gregor Mori	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.174">https://doi.org/10.53254/ESISTUBE.ECF23.174</a>
Experimental research of dissimilar metal weld and reactor pressure vessel weld metal in the ductile to brittle transition regime	Laura Sirkiä, Pentti Arffman, Sebastian Lindqvist, Noora Hytönen, Jari Lydman, Yanling Ge, Pekka Nevasmaa, Zaiqing Que, Iikka Virkkunen	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.175">https://doi.org/10.53254/ESISTUBE.ECF23.175</a>
Fatigue damage evaluation of stainless AISI 347 steel by advanced microstructure-sensitive NDT analysis	Kai Donnerbauer, Tobias Bill, Peter Starke, Ruth Acosta, Christian Boller, Klaus Heckmann, Jürgen Sievers, Tim Schopf, Frank Walther	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.176">https://doi.org/10.53254/ESISTUBE.ECF23.176</a>
Effects of welding on fracture of ASTM A131 steel: statistical investigation	Zach Narowlansky Davey, Mehdi Mokhtarishirazabad, Martyn Pavier,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.177">https://doi.org/10.53254/ESISTUBE.ECF23.177</a>

Presentation title	Authors	DOI
	Mahmoud Mostafavi	
The effects of stress triaxiality on the neck initiation and fracture of high-density polyethylene (HDPE)	Md Shafiqul Islam, Pratik Rajesh Powar, Eskil, reasson, Viktor Petersson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.178">https://doi.org/10.53254/ESISTUBE.ECF23.178</a>
Precise dynamic disintegration of concrete structures by controlling wave motion	Koji Uenishi, Hiroshi Yamachi, Junichiro Nakamori	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.179">https://doi.org/10.53254/ESISTUBE.ECF23.179</a>
Opportunities and partial problems of HFMI implementation in design of welded structures of rail vehicles	Miloslav Kepka Jr., Miloslav Kepka., Jan Tittel	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.180">https://doi.org/10.53254/ESISTUBE.ECF23.180</a>
Strength and Fracture Resistance in Laser Powder Bed-processed AlSi10Mg and 18Ni-300 Maraging Steel	Bernd Gludovatz, Moses J. Paul, Jamie J Kruzic, U. Ramamurty	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.181">https://doi.org/10.53254/ESISTUBE.ECF23.181</a>
On the Limitations of Simultaneous Enhancements of Strength and Toughness in CrMnFeCoNi High-Entropy Alloys	Bernd Gludovatz, Hyunseok Oh, Eun Soo Park, Robert O. Ritchie,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.182">https://doi.org/10.53254/ESISTUBE.ECF23.182</a>
Phase-field modeling of brittle fracture in heterogeneous bars	Francesco Vicentini, Pietro Carrara, Laura De Lorenzis	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.183">https://doi.org/10.53254/ESISTUBE.ECF23.183</a>
Towards a simplified, iteration-free calibration strategy for a non-local GURSON-TVERGAARD-NEEDLEMAN-type damage model	A. Seupel, R.D. Pham, O. El Khatib, G. Hütter, B. Kiefer	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.184">https://doi.org/10.53254/ESISTUBE.ECF23.184</a>
An experimental investigation on the TRM to masonry bond	Kuanysh Makashev, Serik Tokbolat	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.185">https://doi.org/10.53254/ESISTUBE.ECF23.185</a>
High-temperature interfacial damage in CGI: 3D numerical analysis	Evangelia Nektaria Palkanoglou, Minghua Cao, Konstantinos P. Baxevanakis, Vadim V. Silberschmidt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.186">https://doi.org/10.53254/ESISTUBE.ECF23.186</a>
Dynamic fracture of additively manufactured continuous-fibre composites under ballistic impact: experimental and numerical study	Md Niamul Islam, Konstantinos P. Baxevanakis, Vadim V. Silberschmidt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.187">https://doi.org/10.53254/ESISTUBE.ECF23.187</a>
Crystal Plasticity modelling of local microstretches effect on the cyclic behaviour of stainless steel	Megan Taylor, Dylan Agius, David Knowles, Mahmoud Mostafavi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.188">https://doi.org/10.53254/ESISTUBE.ECF23.188</a>
Statistical Evaluation of Fatigue Properties of L-PBF Manufactured Cellular Lattice Material Using a Strain Energy Density Approach	Sunil Raghavendra, Michele Dallago, Valerio Luchin, Filippo Zanini,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.189">https://doi.org/10.53254/ESISTUBE.ECF23.189</a>

Presentation title	Authors	DOI
	Simone Carmignato , Filippo Berto, Matteo Benedetti	
Hydrogen Embrittlement Property of Nitrogen Added TRIP-aided Martensitic Steels	Tomohiko Hojo, Kiattada Chanvichitkul, Hiroyuki Waki, Fumihito Nishimura, Akihiko Nagasaka, Saya Ajito, Motomichi Koyama, Eiji Akiyama	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.190">https://doi.org/10.53254/ESISTUBE.ECF23.190</a>
Evaluation of butterfly wing formation in bearing steel: the role of non-metallic inclusions and hydrogen	Ksenija Nikolic, Margot Pinson, Tom Depover, Kim Verbeken, Roumen H. Petrov,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.191">https://doi.org/10.53254/ESISTUBE.ECF23.191</a>
Environmentally induced changes in fatigue life and durability of marine structures and vessels	Goran Vizentin, Goran Vukelić, Željko Božić	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.192">https://doi.org/10.53254/ESISTUBE.ECF23.192</a>
Effects of coating on the fatigue endurance of FDM lattice structures	Francesco Tamburrino,rea Chiocca	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.193">https://doi.org/10.53254/ESISTUBE.ECF23.193</a>
A numerical modelling strategy for accurately simulating dynamic crack propagation in a 3D solid based on s-version of finite element method	Kazuki Shibanuma, Kota Kishi, Tianyu He, Naoki Morita, Naoto Mitsume	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.194">https://doi.org/10.53254/ESISTUBE.ECF23.194</a>
Modification of the Theory of Critical Distances to predict the effect of multiple stress-rising features on resulting fatigue failure of SLM Ti-6Al-4V	Bobby Gillham,rey Yankin, Fionnan McNamara, Charles Tomonto, David Taylor, Rocco Lupoi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.195">https://doi.org/10.53254/ESISTUBE.ECF23.195</a>
Phase Field Approach to Fracture of Thin-ply Laminates	Anatoli A. Mitrou, Albertino Arteiro, Pedro P. Camanho, José Reinoso	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.196">https://doi.org/10.53254/ESISTUBE.ECF23.196</a>
The interaction of hydrogen with retained austenite in quenching and partitioning (Q&P) and transformation induced plasticity (TRIP) steels	Simon Vander Vennet, Silvia Leitner, Vsevolod Razumivskiy, Werner Ecker, Tom Depover, Kim Verbeken	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.197">https://doi.org/10.53254/ESISTUBE.ECF23.197</a>
Exploring new concepts to design “damage tolerant” ceramics using additive manufacturing	Raul Bermejo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.198">https://doi.org/10.53254/ESISTUBE.ECF23.198</a>

Presentation title	Authors	DOI
The effect of material orientation on void growth	N. Hosseini, J.C. Nieto-Fuentes, M. Dakshinamurthy, J.A. Rodriguez-Martinez, G. Vadillo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.199">https://doi.org/10.53254/ESISTUBE.ECF23.199</a>
Wear and corrosion behavior of 18Ni-300 maraging steel produced by laser-based powder bed fusion and conventional route	Pietro Tonolini, Luca Marchini, Lorenzo Montesano, Marcello Gelfi, Annalisa Pola	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.200">https://doi.org/10.53254/ESISTUBE.ECF23.200</a>
Hydrogen embrittlement behaviors in TRIP-aided bainitic ferrite steel with different deformation temperatures	Yutao Zhou, Tomohiko Hojo, Motomichi Koyama, Saya Ajito, Eiji Akiyama	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.201">https://doi.org/10.53254/ESISTUBE.ECF23.201</a>
Influence of twin wire arc spraying and machine hammer peening on the corrosion fatigue of ZnAl4 coatings on S355 J2C + C substrate	Michael P. Milz,reas Wirtz, Mohamed Abdulgader, Dirk Biermann, Wolfgang Tillmann, Frank Walther	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.202">https://doi.org/10.53254/ESISTUBE.ECF23.202</a>
Prediction of multiple debonds by an Abaqus implementation of the coupled criterion of FFM and LEBIM	M. Muñoz-Reja, V. Mantič, L. Távora , C.G. Panagiotopoulos	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.203">https://doi.org/10.53254/ESISTUBE.ECF23.203</a>
High temperature mechanical properties of AlMgScZr alloy produced by Laser Powder Bed Fusion	Maria Beatrice Abrami, Marialaura Tocci, Marcello Gelfi, Annalisa Pola	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.204">https://doi.org/10.53254/ESISTUBE.ECF23.204</a>
Side-groove effect on fracture mechanical fatigue testing of PLA material	Aleksa Milovanović, Jan Poduška, Lukaš Trávníček, Luboš Nákhlik, Aleksandar Sedmak, Miloš Milošević, Filippo Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.205">https://doi.org/10.53254/ESISTUBE.ECF23.205</a>
Notch Orientation and Fatigue Strength of As-built L-PBF AlSi10Mg	Radomila Konečná, Gianni Nicoletto, Ludvík Kunz	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.206">https://doi.org/10.53254/ESISTUBE.ECF23.206</a>
XFEM simulation of dislocation in SixGe1-x alloy under thermal loads	Neha Duhan, B.K. Mishra, I.V. Singh	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.207">https://doi.org/10.53254/ESISTUBE.ECF23.207</a>
Experimental and numerical investigation of the fatigue strength improvement of welded structures submitted to an initial overload	Heyraud Hugo, Mareau Charles, Bellon Tom, Lefebvre Fabien, Morel Franck, Jubin Laurent, Amuzuga Philippe, Hauteville	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.208">https://doi.org/10.53254/ESISTUBE.ECF23.208</a>

Presentation title	Authors	DOI
	Robin, Daniel Bellett, Leblanc Theo	
Early Stage Researchers training in the framework of SIRAMM project	Liviu Marsavina, Aleksandar Sedmak, Lubos Nahlik, Roberto Brighenti, Filippo Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.209">https://doi.org/10.53254/ESISTUBE.ECF23.209</a>
Numerical and experimental investigation of plasticity induced crack closure in case of multiaxial fatigue crack growth with constant and component-near loading cases	F.Conrad, J.Filipovic, C. Kontermann, M. Oechsner, A. Blug, A. Bertz, D. Carl	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.210">https://doi.org/10.53254/ESISTUBE.ECF23.210</a>
Numerical Investigation on Impact of Internal Stress Relief Groove on Fatigue Lifetime of Additively Manufactured 316L Stainless Steel	Niels Huylebroeck, Sanjay Gothivarekar, Reza Talemi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.211">https://doi.org/10.53254/ESISTUBE.ECF23.211</a>
Finite Element Analysis of Combined Effects of Non-proportional Stressing and Wear Process on Fretting Fatigue Crack Propagation	André Luis Pinto, José Alexander Araújo, Reza Talemi,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.212">https://doi.org/10.53254/ESISTUBE.ECF23.212</a>
The effect of prior austenite grain morphology on hydrogen embrittlement behaviour in as-quenched 500 HBW steels	Renata Latypova, Tun Tun Nyo, Oskari Seppälä, Eric Fangnon, Yuriy Yagodzinskyy, Saara Mehtonen, Hannu Hänninen, Jukka Kömi, Sakari Pallaspuuro	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.213">https://doi.org/10.53254/ESISTUBE.ECF23.213</a>
Prospects of Configurational Forces in 3D Finite Element Crack Growth Analyses	Kevin Schmitz,reas Ricoeur	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.214">https://doi.org/10.53254/ESISTUBE.ECF23.214</a>
Investigation of Failure Criteria for Tungsten Carbide-Cobalt Hard Metals	M. Burak Toparli, Sezgin Yurtdaş, Sarper Doğan, İ. Burak Özhan	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.215">https://doi.org/10.53254/ESISTUBE.ECF23.215</a>
Fracture mechanical investigation of preformed metal sheets using a novel CC-specimen	D. Weiß, B. Schramm, G. Kullmer	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.216">https://doi.org/10.53254/ESISTUBE.ECF23.216</a>
Impact of heat treatment on the impact toughness and brittle fracture initiation mechanism of a quenched and tempered nuclear Pressure Vessel Steel	Jean-Baptiste Delattre, Bernard Marini, t.b.d, t.b.d, Anne-Francoise Gourgues-Lorenzon	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.217">https://doi.org/10.53254/ESISTUBE.ECF23.217</a>

Presentation title	Authors	DOI
Fracture toughness of Zircaloy cladding in case of Delayed Hydride Cracking	P. Francois, T. Petit, Q. Auzoux, D. Le Boulch, K. Ammar, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.218">https://doi.org/10.53254/ESISTUBE.ECF23.218</a>
Robust Determination of Fatigue Crack Propagation Thresholds from Crack Growth Data	Josef Arthur Schönherr, Larissa Duarte, Mauro Madia, Uwe Zerbst, Max Benedikt Geilen, Marcus Klein, Matthias Oechsner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.219">https://doi.org/10.53254/ESISTUBE.ECF23.219</a>
Influence of cold rolling on the fracture toughness and fatigue crack growth behavior of pure tungsten	Anton Hohenwarter, Simon Pillmeier, Daniel Firneis, S. Wurster, R. Pippan	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.220">https://doi.org/10.53254/ESISTUBE.ECF23.220</a>
Toughness of an electron-beam welded 0.2C quenched and partitioned steel	Sakari Pallaspuuro , Ann-Christin Hesse, Tim Engelke, Johannes Sainio, Sumit Ghosh, Vahid Javaheri, Klaus Dilger, Jukka Kömi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.221">https://doi.org/10.53254/ESISTUBE.ECF23.221</a>
Mechanical performance of 3D printed prosthetic sockets: An experimental and numerical study	Theodoros Marinopoulos, Simin Li, Vadim V. Silberschmidt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.222">https://doi.org/10.53254/ESISTUBE.ECF23.222</a>
Comparison of crack closure estimated by 3D finite element modelling and by strip-yield model	Radek Kubíček, Tomáš Vojtek, Pavel Pokorný, Pavel Hutař	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.223">https://doi.org/10.53254/ESISTUBE.ECF23.223</a>
Active Learning of Gaussian Approximation Potential: Application to Fracture in Iron	Lei Zhang, Gábor Csányi, Erik van der Giessen, Francesco Maresca	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.224">https://doi.org/10.53254/ESISTUBE.ECF23.224</a>
Micromechanism associated with very high cycle fatigue crack initiation of advanced DQ&P processed steel	Sumit Ghosh, Bernd M. Schönbauer, Sakari Pallaspuuro, Mahesh Somani, Herwig Mayer, Jukka Kömi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.225">https://doi.org/10.53254/ESISTUBE.ECF23.225</a>
Matrix and Interface Cracks in Multiferroics	Alexander Schlosser,reas Ricoeur	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.226">https://doi.org/10.53254/ESISTUBE.ECF23.226</a>
Damage-Preserving Transformation from Continuum	Philip P. Müller, Falk K. Wittel, David S. Kammer	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.227">https://doi.org/10.53254/ESISTUBE.ECF23.227</a>

Presentation title	Authors	DOI
to Embedded Discrete Microstructure		
Mechanical behaviour of specimens made via fused deposition modelling under three-point bending	Mario Álvarez-Blanco, Adrián Arias-Blanco, Miguel Marco, Diego Infante-García, Eugenio Giner, M. Henar Miguélez	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.228">https://doi.org/10.53254/ESISTUBE.ECF23.228</a>
A quasi-static computational model for interface and phase-field fracture in domains with inclusions	Roman Vodička	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.229">https://doi.org/10.53254/ESISTUBE.ECF23.229</a>
Phase Field Fracture models for Viscoelastic Materials	Ajinkya Dusane, Pietro Lenarda, Marco Paggi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.230">https://doi.org/10.53254/ESISTUBE.ECF23.230</a>
Hydrogen Embrittlement Assessment of Pipeline Materials Through in situ Slow Strain Rate Tensile Testing	Aleksander Omholt Myhre, Anette Brocks Hagen, Alexei Vinogradov, Bård Nyhus, Vigdis Olden, Antonio Alvaro,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.231">https://doi.org/10.53254/ESISTUBE.ECF23.231</a>
Effect of hydrogen on nanomechanical properties of Inconel 625 revealed by in situ electrochemical nanoindentation	Chandrahaasan. K. Soundararajan, Dong Wang, Alexey Vinogradov	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.232">https://doi.org/10.53254/ESISTUBE.ECF23.232</a>
Deep learning algorithm for prestressed railway bridge structural safety	G. Marasco, F. Oldani, B. Chiaia, G. Ventura, F. Dominici, C. Rossi, F. Iacobini, A. Vecchi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.233">https://doi.org/10.53254/ESISTUBE.ECF23.233</a>
Modelling of an indentation induced ring crack using the coupled criterion	Roman Papšík, Oldřich Ševeček, Raul Bermejo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.234">https://doi.org/10.53254/ESISTUBE.ECF23.234</a>
Correlating electrochemical and gaseous hydrogen charging of a X65 pipeline steel by the permeation technique	E. Koren, Catalina M. H. Hagen, D. Wang, R. Johnsen	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.235">https://doi.org/10.53254/ESISTUBE.ECF23.235</a>
Application of Deep Learning models to characterize porosity defects in additive manufactured components	Satyajit Dey, Zhijin Lyu, Anas Achouri, Abdullah Al Mamun	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.236">https://doi.org/10.53254/ESISTUBE.ECF23.236</a>
Structural Integrity of Skin: Effect of Thickness	Rebecca Hooker, Anish Roy, Vadim V. Silberschmidt, Raman Maiti	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.237">https://doi.org/10.53254/ESISTUBE.ECF23.237</a>



Presentation title	Authors	DOI
Atomistic interactions of H at dislocations in iron	Varun Shah, Erik van der Giessen, Francesco Maresca	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.238">https://doi.org/10.53254/ESISTUBE.ECF23.238</a>
Dynamic Finite Fracture Mechanics	A. Chao Correas , , P. Cornetti , M. Corrado , A. Sapora	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.239">https://doi.org/10.53254/ESISTUBE.ECF23.239</a>
Computational semi-analytic code for stress singularity analysis	M.A. Herrera-Garrido, V. Mantič, A. Barroso	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.240">https://doi.org/10.53254/ESISTUBE.ECF23.240</a>
Extended back-face strain compliance solution for physically short crack regime in SENB-4P specimen	Hasan Saeed, Somsubhro Chaudhuri , Wim De Waele	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.241">https://doi.org/10.53254/ESISTUBE.ECF23.241</a>
Tough and damage tolerant composites for bi-axial loading	Drazen Brescakovic, Otmar Kolednik	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.242">https://doi.org/10.53254/ESISTUBE.ECF23.242</a>
New view on crack closure determination from compliance data	Pavel Pokorný, Tomáš Vojtek, Luboš Náhlík, Pavel Hutař	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.243">https://doi.org/10.53254/ESISTUBE.ECF23.243</a>
Effect of hydrogen charging on Charpy impact toughness of two pipeline steels	Margo Cauwels, Robin Depraetere, Wim De Waele, Stijn Hertelé, Tom Depover, Kim Verbeken	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.244">https://doi.org/10.53254/ESISTUBE.ECF23.244</a>
Multiaxial fatigue assessment of arc-welded steel joints with weld ends for automotive application according to the peak stress method	Giovanni Meneghetti, Jacopo Pelizzari, Alberto Campagnolo, Carlo Dengo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.245">https://doi.org/10.53254/ESISTUBE.ECF23.245</a>
Structural integrity of welded joints with different defect combinations – previous studies	Mihajlo Arandjelović, Simon Sedmak, Radomir Jovičić, Aleksandar Sedmak, Ana Petrović	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.246">https://doi.org/10.53254/ESISTUBE.ECF23.246</a>
Effect of post-processing heat treatment on cyclic plastic behavior of AlSi10Mg aluminium alloy processed by L-PBD	R. Fernandes, J.S. Jesus, R. Branco, L.P. Borrego, J.D. Costa, J.A.M. Ferreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.247">https://doi.org/10.53254/ESISTUBE.ECF23.247</a>
Influence of ITZ between steel inclusion and cement composite on fracture response of specimen	Michal Vyhliđal, Jan Klusák, Barbara Kucharčzyková, Petr Daněk, Hana Šimonová, Zbyněk Keršner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.248">https://doi.org/10.53254/ESISTUBE.ECF23.248</a>

Presentation title	Authors	DOI
Fatigue crack closure numerical analysis using a three-dimensional model for crack growth and plastic wake	C. Esteves, R. Baptista, V. Infante, D. Braga, B. Farahani, P. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.249">https://doi.org/10.53254/ESISTUBE.ECF23.249</a>
Structural integrity of a self-adaptive grasping system at highly iterative operation	Oliver Jorg, Gualtiero Fantoni	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.250">https://doi.org/10.53254/ESISTUBE.ECF23.250</a>
X-ray Computed Tomography and an erosion algorithm and for rapid defect detection	Aaron Wade, , Thomas M M Heenan, , Paul Shearing,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.251">https://doi.org/10.53254/ESISTUBE.ECF23.251</a>
Inverse-designed buckling-resistant lattices	Marco Maurizi, Chao Gao, Filippo Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.252">https://doi.org/10.53254/ESISTUBE.ECF23.252</a>
Contemporary questions in fatigue crack closure: simulation, experiments, effects of material, geometry, load ratio, testing procedure and air humidity	Tomáš Vojtek, Pavel Pokorný, Radek Kubíček, Michal Jambor, Pavel Hutař, Luboš Náhlík	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.253">https://doi.org/10.53254/ESISTUBE.ECF23.253</a>
Fracture of austenitic stainless steels at cryogenic temperatures	Pilar Fernández-Pisón, José A. Rodríguez-Martínes, Elisa García-Tabarés Valdivieso, Ignacio Avilés-Santillana, Stefano Sgobba	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.254">https://doi.org/10.53254/ESISTUBE.ECF23.254</a>
Multilayer polymer pipes – The methodology for residual stress determination	L. Trávníček, J. Poduška, A. Frank, F. Arbeiter, J. Kučera, J. Sadílek, G. Pinter, L. Náhlík, P. Hutař	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.255">https://doi.org/10.53254/ESISTUBE.ECF23.255</a>
Fatigue life assessment in the very high cycle regime of AISI 316L stainless steel after additive manufacturing	M. Frade, A. T. Junior, J. Gutjahr, M. V. Pereira, M. C. Teixeira, T. L. A. Castro	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.256">https://doi.org/10.53254/ESISTUBE.ECF23.256</a>
A bending fatigue test method for strip specimens using a 20 kHz ultrasound fatigue testing system	Mohamed Sadek, Chantziara K, Nikas D, Bergström J	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.257">https://doi.org/10.53254/ESISTUBE.ECF23.257</a>
Micromechanical analysis of a polymer composite material using Phase-Field fracture coupled with plasticity	Juan Macías, Albertino Arteiro, José Reinoso, Pedro Camanho, Fermín Otero	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.258">https://doi.org/10.53254/ESISTUBE.ECF23.258</a>

Presentation title	Authors	DOI
Study on Fatigue damage in Additively Manufactured IN718 Alloy	Vidit Gaur	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.259">https://doi.org/10.53254/ESISTUBE.ECF23.259</a>
Initiation and short environmentally assisted crack behavior of new generation 7XXX aluminum revealed by in situ microscopy	Tim L Burnett, Ryan Euesden, Yasser Aboura, Al Garner, Cameron Grant, Thomas Jailin, Zak Barrett, Christian Engel, Phil B Prangnell	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.260">https://doi.org/10.53254/ESISTUBE.ECF23.260</a>
Damage prediction of ferritic pipeline using Artificial Neural Network	Chahboub Yassine, Dr. Szavai Szabolcs	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.261">https://doi.org/10.53254/ESISTUBE.ECF23.261</a>
Challenges of materials and corrosion management: Stress corrosion cracking (scc) & hydrogen embrittlement mechanisms & gaping in our understanding of the subject	Mimoun Elboudjaini	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.262">https://doi.org/10.53254/ESISTUBE.ECF23.262</a>
SEM investigation and uniaxial compression of flexible graphite	E. Solfiti, Wan Di, A. Celotto, N. Solieri, P.A. Munoz, R.F. Ximenes, A. Perillo Marcone, F.X. Nuiry, A. Alvaro, F. Berto, M. Calviani	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.263">https://doi.org/10.53254/ESISTUBE.ECF23.263</a>
The synergy of hydrogen embrittlement mechanisms in steel and metals: HELP + HEDE model	Milos B. Djukic, Gordana M. Bakic, Vera Sijacki Zeravcic, Aleksandar Sedmak, Bratislav Rajicic, Muhammad Wasim, Jovana Perisic	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.264">https://doi.org/10.53254/ESISTUBE.ECF23.264</a>
Analogy between crack initiation due to dynamic pulse load and mass-spring system failure: fracture delay effect	Yuri Petrov, Nikita Kazarinov, Alexandr Utkin	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.265">https://doi.org/10.53254/ESISTUBE.ECF23.265</a>
Growth of multiple cracks grouped into different arrays	Yulia Pronina, Abdulla Abakarov	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.266">https://doi.org/10.53254/ESISTUBE.ECF23.266</a>
Finite Element implementation of the Coupled Criterion based on the Principle of Minimum Total Energy subjected to a Stress Condition to predict crack onset and growth	A.S. Karthik, V. Mantič, M. Paggi, M. Muñoz-Reja, L. Távara	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.267">https://doi.org/10.53254/ESISTUBE.ECF23.267</a>
An in-situ analysis of the influence of residual stresses on the fatigue	Anna Wildeis, Matthias Thimm,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.268">https://doi.org/10.53254/ESISTUBE.ECF23.268</a>

Presentation title	Authors	DOI
damage evolution in a martensitic spring steel	Hans-Jürgen Christ, Robert Brandt, Claus-Peter Fritzen	
Effect of heat treatment on fatigue crack growth performance of AlSi10Mg aluminium alloy submitted to LPBF	L.P. Borrego, R. Fernandes, J.S. Jesus, J.A.M. Ferreira, J.D. Costa	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.269">https://doi.org/10.53254/ESISTUBE.ECF23.269</a>
Effect of the direction of printing on the fracture of additively manufactured Duplex stainless steel	David Roucou, Thomas Corre, Gilles Rolland, Véronique Lazarus	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.270">https://doi.org/10.53254/ESISTUBE.ECF23.270</a>
Numerical investigation of self-similar crack propagation during DCB test: A comparison between non-elastic behaviours of bonded interfaces	Juan Pablo Marquez Costa, Julien Jumel	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.271">https://doi.org/10.53254/ESISTUBE.ECF23.271</a>
Measurement of Elastic Stresses and Dissipated Energies at Cracks – Is the Lock-In-Evaluation an Appropriate Tool?	Jürgen Bär, Ralf Urbanek	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.272">https://doi.org/10.53254/ESISTUBE.ECF23.272</a>
Experimental determination of a Kitagawa-Takahashi diagram of the aluminum alloy AA2024 using potential drop measurements	Jürgen Bär	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.273">https://doi.org/10.53254/ESISTUBE.ECF23.273</a>
Application of Miniaturized Brazilian Disc Tests for the Determination of High-Temperature Strength of Ceramic Filter Materials	Shahin Takht Firouzeh, Martin Abendroth, Bjoern Kiefer	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.274">https://doi.org/10.53254/ESISTUBE.ECF23.274</a>
Accuracy of models of concrete in square and rectangular columns confined with FRP with different failure strain proposals	Mariana Jesus, Paulo Silva Lobo,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.275">https://doi.org/10.53254/ESISTUBE.ECF23.275</a>
Hydrogen and hydrides impact on zirconium based alloys	Liliana I. Duarte, F. Fagnoni, A. Colldeweih, O. Yetik, R. Zubler, P. Trtik, J. Bertsch	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.276">https://doi.org/10.53254/ESISTUBE.ECF23.276</a>
Effect of selected processing routes on microstructure and hydrogen embrittlement behavior of aluminum alloys	Masoud Moshtaghi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.277">https://doi.org/10.53254/ESISTUBE.ECF23.277</a>
Comparison of crack propagation rates in selected AISI 304 grades: Three-point bending test	Tereza Juhászová, Petr Miarka, Stanislav Seitl, Daniel Jindra, Zdeněk Kala	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.278">https://doi.org/10.53254/ESISTUBE.ECF23.278</a>

Presentation title	Authors	DOI
An algorithm to improve critical plane factors detection	Andrea Chiocca, Francesco Frendo, Giuseppe Marulo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.279">https://doi.org/10.53254/ESISTUBE.ECF23.279</a>
The Theory of Critical Distances to perform the static assessment of 3D-printed concrete weakened by manufacturing defects and cracks	N. Alanazi, J.T. Kolawole, R. Buswell, L. Susmel	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.280">https://doi.org/10.53254/ESISTUBE.ECF23.280</a>
Residual life of a historic riveted steel bridge - engineering critical assessment approach	Dorin Radu, Radu Băncilă, Simon Sedmak, Mihajlo Arandjelović	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.281">https://doi.org/10.53254/ESISTUBE.ECF23.281</a>
Early Crack Growth from Notches under Creep-Fatigue Loading	Florian Garnadt, Christian Kontermann, Matthias Oechsner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.282">https://doi.org/10.53254/ESISTUBE.ECF23.282</a>
3D tools for building inspection from thermal UAS data	Alfonso Lopez, Juan M. Jurado, Antonio Garrido, Ramón Lopez, Ana I. López Lozano, Francisco R. Feito	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.283">https://doi.org/10.53254/ESISTUBE.ECF23.283</a>
Study of the fracture-mechanics behavior of BaTiO <sub>3</sub> piezoceramic in the vicinity of transformation temperature	Oldřich Ševeček, Zdeněk Chlup, Daniel Drdlík, Hynek Hadraba, Filip Šiška, Karel Maca,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.284">https://doi.org/10.53254/ESISTUBE.ECF23.284</a>
Failure modelling of open cell foam structure using coupled criterion	Oldřich Ševeček, Jiří Hanák, Petr Marcián, Zdeněk Chlup, Michal Kotoul	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.285">https://doi.org/10.53254/ESISTUBE.ECF23.285</a>
Fretting fatigue of multiaxially loaded shrink-fit connections – effect of material sensitivity on fatigue strength	Lukas Suchy, Denny Knabner, Sebastian Vetter, Alexander Hasse	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.286">https://doi.org/10.53254/ESISTUBE.ECF23.286</a>
Fatigue lifetime of GFRP laminates in critical planes defined by equivalent normal and shear stress	Karolina Głowacka, Tadeusz Łagoda	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.287">https://doi.org/10.53254/ESISTUBE.ECF23.287</a>
Interface cracks under dynamic loading: cracks' closure and friction	Marina Menshykova, Oleksandr Menshykov, Igor A Guz	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.288">https://doi.org/10.53254/ESISTUBE.ECF23.288</a>
Influence of crack length and maximum stress on constant amplitude fatigue crack growth rates of metallic alloys	E. Amsterdam, J.W.E. Wiegman, M. Nawijn, J.Th.M. De Hosson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.289">https://doi.org/10.53254/ESISTUBE.ECF23.289</a>

Presentation title	Authors	DOI
Fracture arrest test for identifying fracture stress in steel	Fumitaka Yasui, Kazuki Shibamura	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.290">https://doi.org/10.53254/ESISTUBE.ECF23.290</a>
Combined High Energy X-Ray Diffraction and Small-Angle Scattering Measurements of Strain, Dislocation Density and Porosity Near Steel Fatigue Cracks Grown in Hydrogen	Connolly M.J., Martin, M.L., Amaro, R., Bradley P.E., Lauria, D., Park, J.S., Slifka A.J.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.291">https://doi.org/10.53254/ESISTUBE.ECF23.291</a>
Numerical analysis of damage and fracture in steel sheets undergoing non-proportional loading paths	Michael Brüning, Moritz Zistl, Steffen Gerke	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.292">https://doi.org/10.53254/ESISTUBE.ECF23.292</a>
Thermal fracture resistance of functionally graded thermal barrier coatings with systems of multiple cracks	Vera Petrova, Siegfried Schmauder	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.293">https://doi.org/10.53254/ESISTUBE.ECF23.293</a>
Effect of microstructure on trabecular-bone fracture: numerical analysis	Aleksandr Shalimova, Mikhail A. Tashkinovb, Ekaterina Smotrova, Simin Lib, Vadim V. Silberschmidt,c	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.294">https://doi.org/10.53254/ESISTUBE.ECF23.294</a>
Characterisation of fracture toughness with sub-size CT samples	Y. Madi, C. Belhadj, C. Soret, M. Polo, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.295">https://doi.org/10.53254/ESISTUBE.ECF23.295</a>
Additive manufacturing of head surrogates for impact analysis	R Mantecón, I. Rubio, J. Díaz- Álvarez & H. Miguélez	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.296">https://doi.org/10.53254/ESISTUBE.ECF23.296</a>
Passive Safety Solutions on Coach according ECE R29: Experimental and Numerical analyses	Rogério Lopes, Nuno V. Ramos, M. P. L. Parente, P.M.G.P. Moreira, Rafael Cunha, Ricardo Maia, Rui Rodrigues	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.297">https://doi.org/10.53254/ESISTUBE.ECF23.297</a>
Investigation of micropitting and wear in rolling/sliding contacts operating under boundary lubrication conditions	Mushfiq Hasan, Omar D. Mohammed, Marcus Björling, Roland Larsson, Christian Kolar	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.298">https://doi.org/10.53254/ESISTUBE.ECF23.298</a>
Damage evolution predictions on ILTS specimens	L. Távara, J.L. Guzmán, E. Graciani	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.299">https://doi.org/10.53254/ESISTUBE.ECF23.299</a>
Experimental determination of generalized stress intensity factors from full-field measurements	R Estevez , A Doitrand, D Leguillon	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.300">https://doi.org/10.53254/ESISTUBE.ECF23.300</a>

Presentation title	Authors	DOI
Interaction between tension and cyclic torsion of non-ferrous materials	Tadeusz Łagoda, Joanna Małecka, Karolina Głowacka, Huang Yuan	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.301">https://doi.org/10.53254/ESISTUBE.ECF23.301</a>
Evaluation of the T0 Reference Temperature for an Ultra High Strength Martensitic Steel	Claudio Ruggieri , Vitor S. Barbosa	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.302">https://doi.org/10.53254/ESISTUBE.ECF23.302</a>
Performance of RC beams externally strengthened with hybrid CFRP and PET-FRP laminates	Haya H. Mhanna, Rami A. Hawileh, Ahmad Al Rashed, Jamal A. Abdalla	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.303">https://doi.org/10.53254/ESISTUBE.ECF23.303</a>
Effect of flange geometry on the shear capacity of RC T-beams	Rami A. Hawileh, Haya H. Mhanna, Jamal A. Abdalla	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.304">https://doi.org/10.53254/ESISTUBE.ECF23.304</a>
Experimental Validation of the Formulation for Maximum Socket Depth Estimation of Non-Reduced Strength Bolts	Fatih Kocatürk, M. Burak Toparli, Barış Tanrıku, Umud İnce, Cenk Kılıçaslan	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.305">https://doi.org/10.53254/ESISTUBE.ECF23.305</a>
Friction Stir Welding parameters effect on static and fatigue strength of dissimilar aluminum to polymer matrix composite joints	A. Correia, P. Santos, V. Infante, D. Braga	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.306">https://doi.org/10.53254/ESISTUBE.ECF23.306</a>
Very High Cycle Fatigue tests: temperature increase and material's performance	M.C. Teixeira, M.F.,rade, M.V. Pereira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.307">https://doi.org/10.53254/ESISTUBE.ECF23.307</a>
Improving Cruciform Test Specimens Frequency Response for VHCF Ultrasonic Biaxial Fatigue Testing	Diogo Montalvão, Kadir Hekim, James Howard, Pedro Costa, Luis Reis, Manuel Freitas	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.308">https://doi.org/10.53254/ESISTUBE.ECF23.308</a>
Shear Strengthening of Reinforced Concrete T-Beams using Carbon Fiber Reinforced Polymer (CFRP) Anchored with CFRP Spikes	J. A. Abdalla, H. Mhanna, R. Hawileh, M. Sharafi, A. Al-Marzouqi, S. Al-Teneiji, K. Al-Ali	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.309">https://doi.org/10.53254/ESISTUBE.ECF23.309</a>
Comparison of Shear behavior of Normal and Recycled Aggregates Beams Strengthened with CFRP Sheets and U-wrap anchors	J. A. Abdalla, H. Mhanna, R. Hawileh, S. S. Ahmed, A. Omer, O. Abdulkadeer	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.310">https://doi.org/10.53254/ESISTUBE.ECF23.310</a>
Multiscale phase-field modeling of fracture in short glass fiber reinforced polymers	Angela Maria Fajardo Lacave, Fabian Welschinger, Laura De Lorenzis	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.311">https://doi.org/10.53254/ESISTUBE.ECF23.311</a>
Combined SCC and EAF Crack Growth Rates for Alloy 600 in a PWR Environment	Jack Beswick, Karyn Cooper, Jennifer Borg, Conor Gillen, Stuart Medway,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.312">https://doi.org/10.53254/ESISTUBE.ECF23.312</a>

Presentation title	Authors	DOI
	Timothy Watkins, JonathanMann	
Fabrication and characterization of 316L stainless steel components printed with material extrusion additive manufacturing	Saveria Spiller, Sondre Ølsoybak Kolstad, Seyed Mohammad Javad Razavi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.313">https://doi.org/10.53254/ESISTUBE.ECF23.313</a>
Revealing the Intrinsic Ice Adhesion at the Nanoscale	Senbo Xiao, Jianying He, Zhiliang Zhang	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.314">https://doi.org/10.53254/ESISTUBE.ECF23.314</a>
Grain refinement effect on mechanical behavior of in situ (TiB+La2O3)/Ti-6Al-4V manufactured by laser melting deposition	Yuyu Liu , Zheng Chen, Jianying He, Zhiliang Zhang	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.315">https://doi.org/10.53254/ESISTUBE.ECF23.315</a>
Size effect in PLA and PETG specimens obtained using FDM	Liviu Marsavina, Mihai Marghitas, Esteria Valean	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.316">https://doi.org/10.53254/ESISTUBE.ECF23.316</a>
Evaluation of the Endurance Limit of Notch Intersections under inner-pressure Loading	Carl Fällgren, Michael Vormwald, Heinz Thomas Beier	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.317">https://doi.org/10.53254/ESISTUBE.ECF23.317</a>
Ironing process influence on the warping of ABS parts produced by Fused Filament Fabrication	José Lopes, Manuel Sardinha, Afonso Gusmão, Luís Reis, Marco Leite	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.318">https://doi.org/10.53254/ESISTUBE.ECF23.318</a>
Preliminary results on the optimization of shape memory polymers geometric parameters to enhance the thermal loads activation range	F. Cesarano, M. Maurizi, C. Gao, F. Berto, F. Penta, C. Bertolin	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.319">https://doi.org/10.53254/ESISTUBE.ECF23.319</a>
2D finite elements for the computational analysis of crack propagation in brittle materials and the handling of double discontinuities	Sebastiano Fichera, Bruno Biondi, Giulio Ventura	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.320">https://doi.org/10.53254/ESISTUBE.ECF23.320</a>
Implication of the grain boundary character on the hydrogen embrittlement of nickel alloys: from the diffusion and trapping to the fracture assisted by hydrogen	A. Oudriss, S. P. Murugan, J. Bouhattate, M. Landeiro Dos Reis, X. Feaugas	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.321">https://doi.org/10.53254/ESISTUBE.ECF23.321</a>
Mechanical behaviour of cycled shape memory alloy	C. Bellini, V. Di Cocco, F. Iacoviello, L. Mocanu	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.322">https://doi.org/10.53254/ESISTUBE.ECF23.322</a>
Damage detection of CFRP filament wound tubes using electrical resistance measurement	Nikola Schmidová, Tomáš Ponížil, Bohumil Kropík, David Blaha, Zuzana Ficková, Milan Dvořák, Karel	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.323">https://doi.org/10.53254/ESISTUBE.ECF23.323</a>



Presentation title	Authors	DOI
	Doubrava, Miloslav Poustka, Milan Růžička	
Additively manufactured tensile ring-shaped specimens for pipeline material fracture examination - influence of geometry	Isaak Trajković, Miloš Milošević, Marko Rakin, Nebojsa Bogojevic, Snezana Ciric-Kostic, Filippo Berto, Bojan Medjo	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.324">https://doi.org/10.53254/ESISTUBE.ECF23.324</a>
Tailored distribution of defects in thin sheets to control their wrinkling	Andrea Spagnoli , Riccardo Alberini , Filippo Berto , Chiara Bertolin , Roberto Brighenti , Matteo Montanari	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.325">https://doi.org/10.53254/ESISTUBE.ECF23.325</a>
Methodologies for the estimation of the LCF-VHCF duplex P-S-N design curves	A. Tridello, C. Boursier Niutta, F. Berto, M. Rossetto, D.S. Paolino	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.326">https://doi.org/10.53254/ESISTUBE.ECF23.326</a>
Crack initiation anisotropy in full-ceramic nacre-like alumina	Thomas Duminy, Aurélien Doitrand, Sylvain Meille	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.327">https://doi.org/10.53254/ESISTUBE.ECF23.327</a>
Study of the Automated Process-Induced Residual Stresses in Multi-Axis Laminates	Mohamed M.A. Ammar, Bijan Shirinzadeh	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.328">https://doi.org/10.53254/ESISTUBE.ECF23.328</a>
Development of a phase field model for elastoplasticity using concepts of damage mechanics	Aris Tsakmakis, Michael Vormwald	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.329">https://doi.org/10.53254/ESISTUBE.ECF23.329</a>
Modeling of AL-6061 aluminum alloy deformation diagrams by machine learning methods	Iryna Didych, Oleh Yasniy, Iaroslav Pasternak, Lukash Sobashek	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.330">https://doi.org/10.53254/ESISTUBE.ECF23.330</a>
Comparative analysis of the influence of higher order terms in Williams' series expansion for different cracked specimens: theoretical approach, photoelastic experiments and finite element analysis	Stepanova L.V., Zhabbarov R.M.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.331">https://doi.org/10.53254/ESISTUBE.ECF23.331</a>
Analysis of crack front loading and J-integral evaluation to improve reliability of toughness calculations based on miniaturized CT specimens	B. Aydin Baykal, Philippe Spätig	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.332">https://doi.org/10.53254/ESISTUBE.ECF23.332</a>
Determination of ductile-to-brittle transition temperature of NIOMOL 490K steel welded joints	Ana Maksimović, Ljubica Milović, Bojana Zečević,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.333">https://doi.org/10.53254/ESISTUBE.ECF23.333</a>

Presentation title	Authors	DOI
	Branislav Djordjević, Srdjan Bulatović, Vujadin Aleksić	
Vibration fatigue of additive manufactured PLA components	Martin Česnik, Janko Slavič, Miha Boltežar	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.334">https://doi.org/10.53254/ESISTUBE.ECF23.334</a>
Comparison of lifetimes of stainless steels 304L/4306 and 304L/4307 subjected to ultrasonic fatigue loading	Jan Klusák, Kamila Kozáková, Stanislav Seitl,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.335">https://doi.org/10.53254/ESISTUBE.ECF23.335</a>
Experimental and Numerical Characterization of Ductile Fracture Properties of EN AW 5183 WAM Profile	Sheikh Enamul Hoque, Mathias Silmbroth	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.336">https://doi.org/10.53254/ESISTUBE.ECF23.336</a>
Hydrogen-induced transgranular to intergranular fracture transition in bi-crystalline nickel	Yu Ding, Haiyang Yu, Meichao Lin, Jianying He, Zhiliang Zhang	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.337">https://doi.org/10.53254/ESISTUBE.ECF23.337</a>
Crack path direction analysis in plane-strain fracture toughness assessment tests of quasi-brittle PLA polymer and ductile PLA-X composite	Aleksa Milovanović, Miloš Milošević, Isaak Trajković, Aleksandar Sedmak, Mohammad Javad Razavi, Filippo Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.338">https://doi.org/10.53254/ESISTUBE.ECF23.338</a>
A modelling framework unifying hydrogen enhanced plasticity and decohesion	Meichao Lin, Haiyang Yu,rés Díaz, Yu ding, Vigdis Olden, Antonio Alvaro, Jianying He, Zhiliang Zhang	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.339">https://doi.org/10.53254/ESISTUBE.ECF23.339</a>
Visualization of fractographic signs of operational degradation of heat-resistant steel for estimating its actual structure-mechanical state	Halyna Krechkovska, Oleksandra Student, Myroslava Hredil, Ivan Tsybailo, Myroslav Holovchuk, Ivan Shtoyko	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.340">https://doi.org/10.53254/ESISTUBE.ECF23.340</a>
Development of a stabilized fracture test on brittle material: proof of concept with a brittle polymer	V. Fournier, J.B. Kopp, J. Girardot	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.341">https://doi.org/10.53254/ESISTUBE.ECF23.341</a>
Evaluating the size effects on fatigue life of 42CrMo4+QT steel using a statistical S-N model with highly-stressed volume and surface	Julian M. E. Marques, Matěj Mžourek, Jan Papuga, Milan Růžička, Denis Benasciutti,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.342">https://doi.org/10.53254/ESISTUBE.ECF23.342</a>

Presentation title	Authors	DOI
	Vladimír Mára, Karel Trojan	
The influence of anisotropy on vibration behavior of S600Mc sheet metal	Iulian-Ionut AILINEI, Sergiu-Valentin Galațanu, Liviu Marșavina	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.343">https://doi.org/10.53254/ESISTUBE.ECF23.343</a>
The interaction of hydrogen with microstructural defects studied by internal friction	Liese Vandewalle, Milan J. Konstantinović, Tom Depover, Kim Verbeken	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.344">https://doi.org/10.53254/ESISTUBE.ECF23.344</a>
Effect of recycling powder on the fatigue properties of AM Ti6Al4V	P. Foti, L. P. Mocanu, S.M.J. Razavi, C. Bellini, R. Borrelli, V. Di Cocco, S. Francitti, F. Iacoviello, F. Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.345">https://doi.org/10.53254/ESISTUBE.ECF23.345</a>
Mechanical behavior of Inconel 718 manufactured by high-productivity rate SLM process	G. Macoretta, F. Berto, B. D. Monelli	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.346">https://doi.org/10.53254/ESISTUBE.ECF23.346</a>
On the influence of additive manufacturing defects on the energy absorption capability of a lattice structure	Carlo Boursier Niutta, Raffaele Ciardiello, Filippo Berto, Davide S. Paolino,rea Tridello	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.347">https://doi.org/10.53254/ESISTUBE.ECF23.347</a>
Corrosion of austenitic stainless steels and nickel-based alloys in concentrated phosphoric acid at elevated temperatures	A. Laureys, E. Wallaert, L. Claeys, M. Pinson, T. Depover, K. Verbeken	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.348">https://doi.org/10.53254/ESISTUBE.ECF23.348</a>
Stress distribution at the crack tip and the dog bone model of the plastic zone measured by synchrotron	M. Marx, M. Thielen, F. Schäfer, C. Motz	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.349">https://doi.org/10.53254/ESISTUBE.ECF23.349</a>
Optimization of nanocrystalline, ultra-fine grained and bimodal nickel according to mechanical properties	Michael Marx, Dominic Rathmann, Christian Motz	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.350">https://doi.org/10.53254/ESISTUBE.ECF23.350</a>
On the Formation of Zirconium Hydride Platelets	Per Ståhle	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.351">https://doi.org/10.53254/ESISTUBE.ECF23.351</a>
Cold Pressure Welding of aluminium: conventional and FIB-assisted microscale techniques	Ambra Celotto, Øystein Grong, Randi Holmestad, Jørgen A. Sørhaug, Jan Torgersen, Per Erik Vullum, Di Wan, Filippo Berto	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.352">https://doi.org/10.53254/ESISTUBE.ECF23.352</a>

Presentation title	Authors	DOI
Structural Integrity Calculations for Ageing Large Scale Systems	Fekete, Tamás	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.353">https://doi.org/10.53254/ESISTUBE.ECF23.353</a>
Effect of temperature and specimen orientation on Charpy impact toughness	Bojana ZEČEVIĆ, Ana MAKSIMOVIĆ, Ljubica MILOVIĆ, Srđan BULATOVIĆ, Vujadin ALEKSIĆ	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.354">https://doi.org/10.53254/ESISTUBE.ECF23.354</a>
Determining the cause of incorrect work of bumper paint robot reducer	Taško Maneski, Vesna Milošević- Mitić, Ljubica Milović, Miloš Jovanović, Nina,jelić, Ana Petrović	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.355">https://doi.org/10.53254/ESISTUBE.ECF23.355</a>
A finite fracture mechanics approach to thin structural silicone adhesives	F. Rheinschmidt, M. Drass, P.L. Rosendahl, J. Schneider	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.356">https://doi.org/10.53254/ESISTUBE.ECF23.356</a>
Fatigue and fracture properties of concrete mixtures with various water-cement ratio	Stanislav Seidl, Anna Benešová, Álvaro Paredes Pascual, Lucie Malíková, David Bujdoš, Vlastimil Bílek	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.357">https://doi.org/10.53254/ESISTUBE.ECF23.357</a>
Analysis of the ERR for a transverse crack in cross-ply laminates due to residual thermal stresses and its application in the coupled criterion	Vladislav Mantič, Israel G. García	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.358">https://doi.org/10.53254/ESISTUBE.ECF23.358</a>
Analysis of the material properties in the vicinity of the bi-material interface made by the laser clad protective layer on the S960	Pavel Doubek, Lucie Malíková, Stanislav Seidl,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.359">https://doi.org/10.53254/ESISTUBE.ECF23.359</a>
Role of stress and thermally - induced martensite transformations on fatigue crack growth in NiTi alloys	Sgambitterra, E., Magarò, P., Niccoli, F., Furguele, F., Maletta, C.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.360">https://doi.org/10.53254/ESISTUBE.ECF23.360</a>
Modeling of Delamination in CFRP Beams with Elastic Couplings	Sylwester Samborski, Jakub Rzeczkowski, Jakub Paśnik	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.361">https://doi.org/10.53254/ESISTUBE.ECF23.361</a>
A variational approach to Paris-type fatigue law	Andrea Rodella, Antonino Favata, Corrado Maurini, Stefano Vidoli	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.362">https://doi.org/10.53254/ESISTUBE.ECF23.362</a>
On the key role of crack surface area on the lifetime of arbitrarily shaped flat cracks	Louis DAVID, Véronique LAZARUS	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.363">https://doi.org/10.53254/ESISTUBE.ECF23.363</a>

Presentation title	Authors	DOI
Friction effects in uniaxial compression of concrete cylinders	Monika Středulová, Jan Eliáš	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.364">https://doi.org/10.53254/ESISTUBE.ECF23.364</a>
Fatigue life prediction of 6060 extruded aluminium	Teresa Morgado, Diogo Paulo, Alexandre Velhinho, Mário Pereira, António Mourão	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.365">https://doi.org/10.53254/ESISTUBE.ECF23.365</a>
Design methodology of vessel produced by L-PBF stainless steel using representative specimens	Blasón, S., Chaudry, M., Elorriaga, A., Madia, M., Zerbst. U., Llavori, I., Hilgenberg, K.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.366">https://doi.org/10.53254/ESISTUBE.ECF23.366</a>
AISI P20 steel under VHCF testing conditions	Pedro R. da Costa, Luís Reis, Manuel Freitas,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.367">https://doi.org/10.53254/ESISTUBE.ECF23.367</a>
Multiscale Optical Methods to Measure the Fatigue Crack Closure	Behzad V. Farahani, Pedro J. Sousa, Frederico Direito, Paulo J. Tavares, Luis Filipe Borrego, Pedro Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.368">https://doi.org/10.53254/ESISTUBE.ECF23.368</a>
Construction and demolition waste, a new life in mortar composites	Daniel Suarez-Riera, Luca Lavagna, Devid Falliano, Luciana Restuccia, Matteo Pavese, Giuseppe Ferro	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.369">https://doi.org/10.53254/ESISTUBE.ECF23.369</a>
Investigation Of The Effect Of Dwell Period In Load Controlled Fatigue Tests Of Inconel 718 Superalloy	Numan Berat Yondu, Prof. Murat Baydoğan	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.370">https://doi.org/10.53254/ESISTUBE.ECF23.370</a>
Processing of top creep and oxidation resistant Fe-Al based ODS alloys	P. Dymáček, L. Kunčická, R. Kocich, M. Jarý, N. Luptáková, J. Holzer, B. Mašek, J. Svoboda	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.371">https://doi.org/10.53254/ESISTUBE.ECF23.371</a>
Influence of flexoelectricity on an interface crack between two dissimilar dielectric materials	Jan Sladek , Vladimir Sladek , Maryan Hrytsyna, Tomas Profant,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.372">https://doi.org/10.53254/ESISTUBE.ECF23.372</a>
Ranges of Influence of the Stress Invariants and Hardening: Monotonic and Cyclic Applications	L.M Araujo, L. Malcher,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.373">https://doi.org/10.53254/ESISTUBE.ECF23.373</a>
In-situ micro-mechanical investigation of cut-edge failure: microstructure-driven crack	J.P.M. Hoefnagelsa, C. Du, C.C. Tasan	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.374">https://doi.org/10.53254/ESISTUBE.ECF23.374</a>

Presentation title	Authors	DOI
toughening in laser-cut affected zones		
Full-field identification of mixed-mode adhesion properties in microelectronics from micrographs only	J.P.M. Hoefnagels, A.P. Ruybalid, O. van der Sluis, M.G.D Geers	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.375">https://doi.org/10.53254/ESISTUBE.ECF23.375</a>
Digital image correlation for accurate strain measurement in sharp notched specimens	Koščo, T., Chmelko, V.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.376">https://doi.org/10.53254/ESISTUBE.ECF23.376</a>
Numerical simulation of pressurized disk tests for the study of hydrogen embrittlement	D. Lopes Pinto, , A. El Ouazani Tuhami , L. Meirelles Santana, L. Lacourt, N. Osipov, Y. Madi, J. Furtado, N. Gallienne, J. Besson	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.377">https://doi.org/10.53254/ESISTUBE.ECF23.377</a>
Structural Optimization of a Passenger Train Seat using Finite Element Analysis	F. Alves, J. Marques, J.A. Madeira, R. Baptista, V. Infante	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.378">https://doi.org/10.53254/ESISTUBE.ECF23.378</a>
Artificial Neural Networks for Nonlinear and Fracture Micromechanics	Hadas Hochster, Ido Meshi, Rami Haj-Ali	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.379">https://doi.org/10.53254/ESISTUBE.ECF23.379</a>
The Fatigue Crack Initiation in Parabolic Leaf Springs: The FEM-MVM Approach for Random Loadings	Vítor Gomes, Abílio de Jesus, José Correia, Rui Calçada	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.380">https://doi.org/10.53254/ESISTUBE.ECF23.380</a>
Strain rate sensitivity of AlSi10Mg components produced by SLM with and without post heat treatment	G.P. Cipriano, V. Lemkow, J. Jesus, L.P. Borrego, D.F.O. Braga, P.M.G. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.381">https://doi.org/10.53254/ESISTUBE.ECF23.381</a>
A Study of Different Considerations to Meet Gear Design Requirements	Omar D. Mohammed	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.382">https://doi.org/10.53254/ESISTUBE.ECF23.382</a>
Stress intensity factors in the specimen with a surface semi-elliptical defect	Yakovlev M.M.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.383">https://doi.org/10.53254/ESISTUBE.ECF23.383</a>
The role of cavitation in stress relaxation creep using a novel cantilever test	H Shang, A Fernández-Caballero, E Elmukashfi, T L Martin, K R Hallam, A C F Cocks, P E J Flewitt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.384">https://doi.org/10.53254/ESISTUBE.ECF23.384</a>
An Industrial Approach to High Strain Rate Testing	Emilia Chiamaka Ikenna-Uzodike, Yin Jin Janin, Marius Gintalas, Wei Wen,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.385">https://doi.org/10.53254/ESISTUBE.ECF23.385</a>

Presentation title	Authors	DOI
	Pedro E.J. Rivera-Diaz-del-Castillo	
Effect of process parameters on ductile failure behavior of flow forming process	Can Erdogan, Hande Vural, Tevfik Ozan Fenercioglu, Tuncay Yalçinkaya	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.386">https://doi.org/10.53254/ESISTUBE.ECF23.386</a>
Crack initiation and propagation in dual-phase steels through crystal plasticity and cohesive zone frameworks	Tuncay Yalçinkaya, Ilbilge Umay Aydiner, Izzet Erkin Ünsal, Berkehan Tatli	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.387">https://doi.org/10.53254/ESISTUBE.ECF23.387</a>
PTFE-Functionalized WS2 Nanotubes for Friction Applications	A. Laikhtman, T. Levin, J.-P. Lellouche, A. Moshkovich, L. Rapoport	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.388">https://doi.org/10.53254/ESISTUBE.ECF23.388</a>
Modeling the behavior of CFRP-strengthened RC slabs under fire exposure	Maha Assad, Rami A. Hawileh, Jamal A. Abdalla	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.389">https://doi.org/10.53254/ESISTUBE.ECF23.389</a>
Very high cycle fatigue behaviour of S690 structural steel	Rita Dantas, Michael Gouveia, Filipe Silva, Felipe Fiorentin, Abílio de Jesus, José Correia, Grzegorz Lesiuk	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.390">https://doi.org/10.53254/ESISTUBE.ECF23.390</a>
Understanding the effect of surface and sub-surface parameters including roughness and porosity on fatigue life of laser powder bed fusion (L-PBF) aluminium (AlSi10Mg) alloy	Laboni. Afroz, Ma Qian, Mark Easton, Raj Das	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.391">https://doi.org/10.53254/ESISTUBE.ECF23.391</a>
Hydrogen embrittlement resistance of Al-Al <sub>2</sub> O <sub>3</sub> coatings deposited by cold gas dynamic spray on pipeline steel	M. Tebib, F. Delloro, M. Bertin, A. Meddour, A. Shibata, Y. Madi	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.392">https://doi.org/10.53254/ESISTUBE.ECF23.392</a>
Stress field around cylindrical pore by various surface elasticity models	Aleksandra Vakaeva, Mikhail Grekov	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.393">https://doi.org/10.53254/ESISTUBE.ECF23.393</a>
The role of microstructural features on the strengthening effect of biomedical ultrafine-grained titanium by low temperature annealing	Kamil Majchrowicz, Agata Sotniczuk, Bogusława Adamczyk-Cieślak, Paweł Józwick, Halina Garbacz	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.394">https://doi.org/10.53254/ESISTUBE.ECF23.394</a>
Damage evolution in pultruded composite bars using acoustic emission	Paweł Zielonka, Szymon Duda, Grzegorz Lesiuk, Michał Smolnicki,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.395">https://doi.org/10.53254/ESISTUBE.ECF23.395</a>

Presentation title	Authors	DOI
	Paweł Stabla, Krzysztof Towarnicki	
Fatigue characterization of polyurethane elastomers	Krzysztof Junik, Grzegorz Lesiuk, Paweł Zielonka, Szymon Duda, Wojciech Macek, Jose A.F.O. Correia, Abilio M.P. De Jesus	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.396">https://doi.org/10.53254/ESISTUBE.ECF23.396</a>
An overview of FASTCOLD project results on cold-formed details fatigue categorization	A.M.P. de Jesus, C.D.S. Souto, V.M.G. Gomes, J.A.F.O. Correia, A.A. Fernandes, G. Lesiuk, Alessandro Menghini, Carlo Castiglioni	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.397">https://doi.org/10.53254/ESISTUBE.ECF23.397</a>
Fatigue crack growth characterization of additively manufactured IN625 and IN718 alloys	Felipe Fiorentin, Grzegorz Lesiuk, Paweł Zielonka, Szymon Duda, Konrad Gruber, Szymon Dziuba, Patrycja Szymczyk-Ziółkowska, Jose A.F.O. Correia, Abílio M.P. De Jesus	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.398">https://doi.org/10.53254/ESISTUBE.ECF23.398</a>
Evaluation of fracture toughness in graphene-based cementitious nanocomposites via electrical impedance	E. Tziviloglou, Z. Metaxa, G. Maistros, S. Kourkoulis, N. Alexopoulos	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.399">https://doi.org/10.53254/ESISTUBE.ECF23.399</a>
The effect of solution aggressiveness on the corrosion-induced mechanical properties degradation of aeronautical aluminum alloy 2198	Christina Margarita Charalampidou, Foteini Tazlakidou, Stavros K. Kourkoulis, Mikhail Zheludkevich, Blawert Carsten, Nikolaos D. Alexopoulos	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.400">https://doi.org/10.53254/ESISTUBE.ECF23.400</a>
VHCF under tension/torsion loading of medium carbon steel	Pedro R. da Costa, Luís Reis, Manuel Freitas,	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.401">https://doi.org/10.53254/ESISTUBE.ECF23.401</a>
Model for Determination of Equivalent Stress During Combined Fatigue Loading of Pre-Deformed Metastable Austenitic Steel	Nenad Gubelj, Darko Jagarinec	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.402">https://doi.org/10.53254/ESISTUBE.ECF23.402</a>



Presentation title	Authors	DOI
Validation of the Phase-Field Model for Brittle Fracture	Karlo Seleš, Zoran Tomić, Zdenko Tonković, Nenad Gubeljak	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.403">https://doi.org/10.53254/ESISTUBE.ECF23.403</a>
Experimental structural assessment of conductors in power transformer windings	Daniel F.O. Braga, Emanuel E. Almeida, Gonçalo P. Cipriano, Ricardo Lopes, Pedro M.G.P. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.404">https://doi.org/10.53254/ESISTUBE.ECF23.404</a>
The effect of build direction and additive manufacturing process on the tensile properties of C300 and 316L steel	Daniel F.O. Braga, Matěj Rott, Lucas Azevedo, Carlos Furtado, Pedro M.G.P. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.405">https://doi.org/10.53254/ESISTUBE.ECF23.405</a>
Digital Image Correlation on a rotating airfoil with independent moving cameras	Rodrigo Valente, , Pedro J. Sousa, Francisco Barros, Tiago Domingues, Paulo J. Tavares , Pedro M. G. P. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.406">https://doi.org/10.53254/ESISTUBE.ECF23.406</a>
Advanced fibre optic sensing structural health monitoring system	Tiago Domingues, Pedro J. Sousa, Pedro M. G. P. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.407">https://doi.org/10.53254/ESISTUBE.ECF23.407</a>
Tensile and fatigue behaviour of FFF 3D printed PEI	Tiago Domingues, Pedro J. Sousa, Daniel F. O. Braga, Pedro M. G. P. Moreira	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.408">https://doi.org/10.53254/ESISTUBE.ECF23.408</a>
The Rise of Passive Safety Technological Solutions for Transit Buses	Behzad V. Farahania, Nuno Ramosa, Pedro Moreiraa, Rafael Cunhab,ré Costab, Ricardo Maiab, Rui Rodriguesb	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.409">https://doi.org/10.53254/ESISTUBE.ECF23.409</a>
Oxidation-Induced Damage Modeling in Micro Gas-Turbines Combustion Chambers	Daniele Cirigliano, Felix Grimm, Peter Kutne, Manfred Aigner	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.410">https://doi.org/10.53254/ESISTUBE.ECF23.410</a>
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Carbon based nanomaterials from food waste as reinforcement in cement-based materials	E. Christodoulou, E. Karamfyllidou, G.Z. Kyzas, A.C.	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.412">https://doi.org/10.53254/ESISTUBE.ECF23.412</a>

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Patented Resonant Fatigue Testing Machine to perform HCF (High Cycle Fatigue) and VHCF (Very High Cycle Fatigue) Tests at 1000 Hz on test samples and small components	Markus Berchtold	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.415">https://doi.org/10.53254/ESISTUBE.ECF23.415</a>
Mechanics of biological and biomedical materials at Loughborough	Vadim V. Silberschmidt	<a href="https://doi.org/10.53254/ESISTUBE.ECF23.416">https://doi.org/10.53254/ESISTUBE.ECF23.416</a>

