**Title [size 14, centered, bold, times]**

**Main Author1, Author22, Author32 [size 12, centered, bold,times]**

*1Main Author’s affiliation, full address and e-mail [size 12, centered, italic, times]*

*2Further Author affiliations [size 12, centered, italic, times]*

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| *Keyword 1* | *Keyword 2* | *Keyword 3* |

**Abstract** The abstract begins here. It should be a summary of your presentation. The abstract should include a description of the problem, the methods used for its solution, and major results and conclusions. If necessary you may include a gray scale Figure or Table. The abstract must not exceed 1 page. [size 12, justified, normal,times]

***Figure 1 -*** *caption for the Figure*

***Please select below the 3 topics that best fit your work, and presentation type.***

***This information will be used to set up the conference program.***

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| Oral presentation |  | Poster presentation |  |

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| **1. Fundamentals, physics, and mechanisms** |  | **2. Parameters** |  |
| 1.1 Mechanisms of crack initiation |  | 2.1 Influence of microstructure, defects, and notches |  |
| 1.2 Nonpropagating cracks and growth of short and long cracks |  | 2.2 Influence of environment and temperature |  |
| 1.3 Modeling of fatigue damage and damage accumulation |  | 2.3 Effect of mean, residual, and variable stresses |  |
| 1.4 Other |  | 2.4 Effect of various stress conditions under torsional, multiaxial, and fretting loading |  |
|  |  | 2.5 Effect of surface treatment |  |
|  |  | 2.6 Other |  |
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| **3. Experimental methods and analyses** |  | **4. Applications of components and structures** | | |  |
| 5.1 Fatigue testing machines and instrumentations | | |  | 6.1 Statistical and probabilistic modeling and development of life estimation models | | | |  | | |
| 5.2 Prognosis and SHM | | |  | 6.2 Actual structures and their components | | | |  | | |
| 5.3 Nondestructive inspection and analyses | | |  | 6.3 Additive manufactured components | | | |  | | |
| 5.4 Artificial intelligence | | |  | 6.4 Composite materials and structures | | | |  | | |
| 5.5 Other | | |  | 6.5 Other | | | |  | | |
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| **5. Symposia** | |  | | | | | | | |
| A.Polymer-matrix-composites: Testing facilities, characterization techniques and damage mechanisms | | | | | | | |  | | | | |
| B. Multiaxial HCF and VHCF: Experimental methods, specimens and machines, and damage mechanisms | | | | | | | |  | | | | |
| C. Very High Cycle Fatigue of Additive Manufactured Materials | | | | | | | |  | | | | |
| D. Size effect and/or machine learning in very-high-cycle fatigue | | | | | | | |  | | | | |
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