



**ESIA17-ISSI2023**

THE LOWRY, SALFORD, GREATER MANCHESTER

23-25 MAY 2023



Manchester, UK



Forum for Engineering Structural Integrity

**CSIC**

中国结构完整性联盟

China Structural Integrity Consortium

**Jacobs**



## The 17<sup>th</sup> International Conference on Engineering Structural Integrity Assessment (ESIA17), in conjunction with, the 2023 International Symposium on Structural Integrity (ISSI-2023)



Prof Miura Hideo:

High strain-rate-induced acceleration of creep-fatigue damage in Ni-base superalloys at elevated temperature (Keynote)

Dr Le Xu:

On multiaxial creep-fatigue considering the non-proportional loading effect: Constitutive modeling, deformation mechanism, and life prediction

Dr Run-Zi Wang:

A new close-loop integration system from process, performance to prediction based on hole-strengthening life improvement technique