Dear Editor,

Hereby we submit the manuscript entitled “Full-field strain measurements for microstructurally small fatigue crack propagation using DIC method”.

The work is focused on experimental approach for investigation of microstructurally short fatigue crack propagation in polycrystalline alloy with body-centered cubic crystal lattice. Full-field investigation takes into consideration the connection of the strain field distribution, microstructure, crack growth rate, crack path and fracture behavior that provides unique knowledge of the microstructurally short fatigue crack growth mechanism. Such experimental procedure and obtained results can provide additional knowledge for an appropriate prediction of the microstructurally short fatigue crack propagation in other polycrystalline alloys.

We believe this work can attract interest of the journal`s readers and viewers.

On behalf of all co/authors

Sincerely Yours,

Evgenii Malitckii