



## Oil and Gas Tribology

Guest Editors:

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Deadline for manuscript submissions:

**closed (31 March 2018)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will look at a broad range of application-based case studies and genetic research outputs looking into oil and gas tribology. It will seek to cover friction, wear and lubrication issues of drilling, downhole fluid containment and control, extraction and topside issues associated with handling hydrocarbons and multiphase flows (slurries).

Tribocorrosion-related research will also be included. Wear processes such as erosion, abrasion, sliding and galling will be covered and solutions to minimise such mechanisms explored along with modelling approaches for surface selection and degradation processes. Studies involving the tribology of bit-cutter-rock interaction, with or without the presence of drilling fluids are of interest. Applications to pumps, valves, risers, pipelines and cyclones will be included.

