

Society of Tribologists and Lubrication Engineers 73rd Annual Meeting & Exhibition



Wind Turbine Tribology

CALL FOR PAPERS AND PRESENTATIONS

(May 20-24, 2018) at Minneapolis Convention Center, Minneapolis, Minnesota (USA)

Dear Friends and Colleagues,

The *Wind Turbine Tribology* technical committee is soliciting papers to be held at the 73rd Annual STLE Meeting (May 20-24, 2018) in Minneapolis, Minnesota (USA).

The specific areas of interest include but are not limited to:

- Practical aspects and issues of wind turbine drivetrain tribology
- Fundamental investigation of common failure modes associated with drivetrain failure - micropitting, spalling, scuffing, wear, tooth flank fracture, fretting corrosion, axial cracking, white etching cracks etc.
- Failure analysis of drivetrain bearings and gears
- Failure analysis of pitch bearings, yaw bearings and generator bearings
- Advanced design, materials and surface engineering to mitigate wind turbine drivetrain failures
- Advances in condition monitoring methods and its application in predicting drivetrain failure – fault codes, oil, vibration analysis, data science etc.
- Advances in lubricants used in wind turbine drivetrain
- Drivetrain design, operation and maintenance – perspective of OEMs and Operators

Interested authors can submit abstracts through the society's online process. To submit an abstract, please visit the STLE web site, <https://stle2018.abstractcentral.com/>. Remember to indicate “Wind Turbine Tribology” by checking-off the appropriate box when submitting.

Please note the following deadlines:

October 1st, 2017 (Sunday) – short abstract submissions

Information on the topic areas to be covered at the 2018 Annual Meeting can be found on www.stle.org. Click on the STLE 2018 logo in the section of “Upcoming Events”. The processes and topic areas can be found under “Call for Presentations”.

Please pass this information on to those who might be interested in the Wind Turbine Tribology Technical Sessions at the 2018 STLE Annual Meeting.

For questions on submissions to the “Wind Turbine Tribology”, please contact **Arnab Ghosh** at aghosh@sentientscience.com.

For questions on any aspect of the 2016 STLE Annual Meeting & Exhibition, contact **Merle Hedland** at mhedland@stle.org.

For questions regarding the STLE organization please contact them at information@stle.org or [\(847\) 825-5536](tel:(847)825-5536).

Sincerely,

Arnab Ghosh

PSC - Wind Turbine Tribology

Rohit Voothaluru

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