



**Name:** Dr. Min Yu

**Theme:** Controlling electrical potential to enable lubrication condition monitoring and improvement of electric drives

**Related Presentation/Publication**

- [1] Yu, M., Zhang, J., Joedicke, A., & Reddyhoff, T. (2023). Using electrical impedance spectroscopy to identify equivalent circuit models of lubricated contacts with complex geometry: in-situ application to mini traction machine. *Tribology International*, preprint, doi: 10.48550/arXiv.2307.03668
- [2] Yu, M., & Reddyhoff, T. (2022, September). Non-destructive techniques for lubricant film thickness measurement in dynamic seals (Report). Department of Mechanical Engineering, Imperial College London.
- [3] Yu, M., Zhang, J., Kirkby, T., Joedicke, A., & Reddyhoff, T. (2022, May). Electrical impedance spectroscopy enabled in-depth lubrication condition monitoring. In 2022 the 76th STLE Annual Meeting & Exhibition (STLE).