

**Multi-Rate Vibration Signal Analysis for Enhanced Data-Driven Monitoring of Bearing Faults in Induction Machines**  
El Bouharrouti, Nada; Kovesnikov, Semen; Garcia-Calva, Tomas Alberto; Vehvilainen, Milla; **Kudelina, Karolina**; **Naseer, Muhammad Usman**; **Vaimann, Toomas**; Belahcen, Anouar 2024 International Conference on Electrical Machines, ICEM 2024  
2024 / 7 p. <http://dx.doi.org/10.1109/ICEM60801.2024.10700488>