



WAN FATHUL HAKIM W. ZAMRI

Senior Lecturer (Dr.)

RESEARCH

Expert in surface engineering, computational Tribology, wear of materials and failure analysis. Recent interest in contact modelling, performance/behaviours/characteristics of coatings, oxide layers, simple textured surface, and laminated metal panels.

RESEARCH AT A GLANCE

ACADEMIC QUALIFICATIONS

- **B.Eng.** (Mech.) Universiti Kebangsaan Malaysia, Malaysia (2007)
- **Ph.D.** (Mech.) University of Wollongong, Australia (2013)

EXPERTISE

Computational Tribology
Surface Engineering
Coatings and Oxide Layers
Mechanical Properties
Wear and Failure Analysis

RESEARCH GROUP

- Advanced Materials Processing & Integrity (AMPI)

For list of publications and current research grants, please click [UKM Sarjana](#).

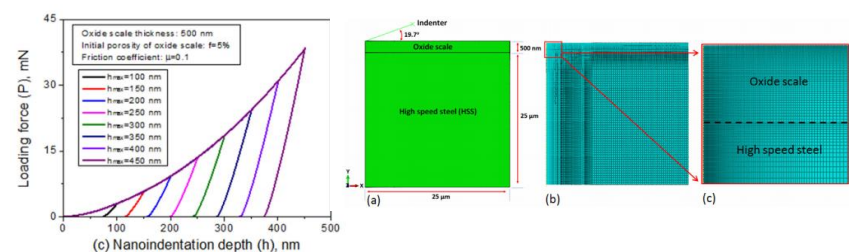
[UKM Sarjana](#)

CONTACT

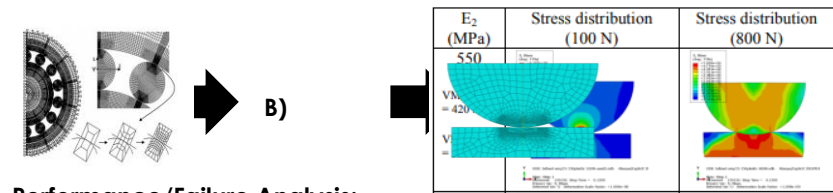
PHONE:
+603-8921 6517

EMAIL:
wfathul.hakim@ukm.edu.my

A) Computational Tribology (Surface engineering):

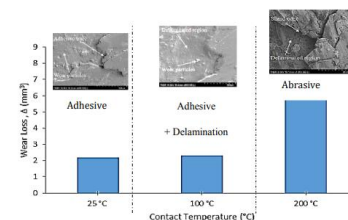


Nanoindentation: Oxide layers/Coatings



Performance/Failure Analysis:

Contact Modelling

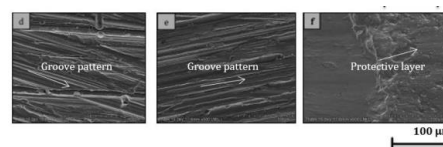


Wear of Materials

Ballistic Performance

C) Material Characterisation/Microstructure

AFM



SEM

