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Full CV: <http://www.mytribos.org/pdf/fadzli.pdf>

EDUCATION
<ul style="list-style-type: none">• Dr.Eng. (Nagoya University, Japan) - 2011• M.Eng. (Universiti Kebangsaan Malaysia, Malaysia) - 2005• B.Eng. (Universiti Kebangsaan Malaysia, Malaysia) - 2004
FIELD OF SPECIALIZATION
Tribology (Friction and Wear of Eco-Materials); Surface Engineering
SELECTED PROFESSIONAL APPOINTMENTS
<ul style="list-style-type: none">• Vice President, Malaysian Tribology Society: 2017 – 2019• Deputy Dean (Research & Postgraduate Studies), UTeM: 2016 – 2018• Executive Member, Society of Engineering Education Malaysia: 2015 – 2017• Head of Department (Diploma Studies), UTeM: 2012 – 2013• Editor-in-Chief (2017 – 2019):<ul style="list-style-type: none">○ Jurnal Tribologi (ISI; ISSN: 2289-7232)• Chief Guest Editor:<ul style="list-style-type: none">○ Journal of Materials Research (IF=1.579; ISI Q2; ISSN: 0884-2914)○ Transactions of the IMF (IF=0.688; ISI Q2; ISSN: 0020-2967)○ Composite Interfaces (IF=1.046; ISI Q3; ISSN: 0927-6440)○ Industrial Lubrication and Tribology (IF=0.406; ISI Q4; ISSN: 0036-8792)○ International Journal of Materials and Product Technology (IF=0.365; ISI Q4; ISSN: 0268-1900)• Chairman:<ul style="list-style-type: none">○ MYTRIBOS Special International Symposium on Energy Aspects of Tribology for Sustainable Development, Malaysia.○ Malaysian International Tribology Conference 2015 (MITC2015), Malaysia○ Malaysia-Japan International Symposium on Tribology Technology 2016 – Part 2, Malaysia• International Scientific Committee:<ul style="list-style-type: none">○ The 6th Asia International Conference on Tribology (ASIATRIB2018)○ International Tribology Conference 2015 (ITC2015), Japan○ International Conference on Tribology 2015 (TURKEYTRIB'15), Turkey• Keynote Speaker, SAKURA Symposium 2017, Nagoya, Japan• Invited Speaker, JAST Tribology Conference 2014, Tokyo, Japan
PROFESSIONAL EXPERIENCES
<ul style="list-style-type: none">• Tutor, Universiti Kebangsaan Malaysia: 2004 – 2005• Package Development Engineer, Vishay Semiconductor (M) Sdn. Bhd.: 2005 – 2005

TEACHING

- Undergraduate level:
 - Manufacturing Process; Integrated Design Project; Tribology; Automotive Technology; Vehicle Structure Analysis; Mechanics of Machines; Engineering Graphics; CES Edupack Module
- Postgraduate level:
 - Failure Mechanics; Project Management; Research Project; Master Project

POSTGRADUATE SUPERVISION

- Main supervisor: Ph.D (1 completed, 1 in progress); Master by research (4 completed, 3 in progress); Master by mixed-mode (1 completed); Master by taught course (2 completed)
- Co-supervisor: Ph.D (2 in progress); Master by research (2 in progress); Master by taught course (1 completed)

SELECTED GRANTS

- International level:
 - TWAS-COMSTECH Joint Research Grants (USD8,000) – Project leader: Experimental investigation to the effect of nano-based engine oil on performance and emission characteristics of a diesel engine, 2013 – 2014.
- National level:
 - FRGS (117,200) – Project leader: Synthesis of graphene film from palm kernel activated carbon using chemical vapor deposition for durability control, 2016 – 2018.
 - TD-FRGS (RM443,280) – Program leader: New strategies for energy saving: The future focus on energy efficient vehicles (EEVs) in Malaysia, 2013 – 2016.

SELECTED PAPER PUBLICATIONS (Scopus H-index: 6)

1. Mat Tahir, N.A., Abdollah, M.F.B, Tamaldin, N., Amiruddin, H., & Mohamad Zin, M.R.B. (2018). A brief review on the wear mechanisms and interfaces of carbon based materials. *Composite Interfaces*, 25(5-7), 491-513.
2. Mohmad, M., **Abdollah, M.F.B.**, Tamaldin, N., & Amiruddin, H. (2018). Frictional characteristics of laser surface textured activated carbon composite derived from palm kernel. *International Journal of Advanced Manufacturing Technology*, 95(5-8), 2943–2949.
3. Mahmud, D.N.F., **Abdollah, M.F.B.**, Masripan, N.A.B., Tamaldin, N., & Amiruddin, H. (2017). Frictional wear stability mechanisms of an activated carbon composite derived from palm kernel by phase transformation study. *Industrial Lubrication and Tribology*, 69(6), 945-951.
4. Shuhimi, F.F., **Abdollah, M.F.B.**, Kalam, M.A., MASjuki, H.H., Mustafa, A., Mat Kamal, S.E., & Amiruddin, H. (2017), Effect of operating parameters and chemical treatment on the tribological performance of natural fibre composites: A review. *Particulate Science and Technology*, 35(5), 512-524.
5. Mohmad, M., **Abdollah, M.F.B.**, Tamaldin, N., & Amiruddin, H. (2017). The effect of dimple size on the tribological performances of a laser surface textured palm kernel activated carbon-epoxy composite. *Industrial Lubrication and Tribology*, 69(5), 768-777.
6. Mahmud, D.N.F., **Abdollah, M.F.B.**, Masripan, N.A.B., Tamaldin, N., & Amiruddin, H. (2017). Frictional wear stability mechanisms of an activated carbon composite derived from palm kernel by phase transformation study. *Industrial Lubrication and Tribology*, 69(6), 945-951.
7. Shuhimi, F.F., **Abdollah, M.F.B.**, Kalam, M.A., MASjuki, H.H., Mustafa, A., Mat Kamal, S.E., & Amiruddin, H. (2017), Effect of operating parameters and chemical treatment on the tribological performance of natural fibre composites: A review. *Particulate Science and Technology*, 35(5), 512-524.
8. Shuhimi, F.F., **Abdollah, M.F.B.**, Kalam, M.A., Masjuki, H.H., Mustafa, A. & Amiruddin, H. (2016). Tribological characteristics comparison for oil palm fibre/epoxy and kenaf fibre/epoxy composites under dry sliding conditions. *Tribology International*, 101, 247-254.
9. Mat Tahir, N.A., **Abdollah, M.F.B.**, Hasan, R. & Amiruddin, H. (2016). The effect of sliding

<p>distance at different temperatures on the tribological properties of a palm kernel activated carbon-epoxy composite. <i>Tribology International</i>, 94, 352-359.</p> <p>10. Abdullah, M. I. H. C., Abdollah, M. F. B., Tamaldin, N., Amiruddin, H., & Mat Nuri, N. R. (2016). Effect of hexagonal boron nitride nanoparticles as an additive on the extreme pressure properties of engine oil. <i>Industrial Lubrication and Tribology</i>, 68(4), 441-445.</p>
INTELLECTUAL PROPERTIES
<ul style="list-style-type: none">• CRLY00004439(Copyright) –Agro-waste for sustainable self-lubricating materials(granted)• CRLY00001905 (Copyright) – Emerging Lubrication Technology for Ball Bearings (granted)• CRLY00001905 (Copyright) – Nano-oil for a Greener Future (granted)
SELECTED AWARDS & RECOGNITIONS
<ul style="list-style-type: none">• Outstanding Reviewer 2018 (Energy) by Elsevier, Amsterdam, The Netherlands• Outstanding Paper Award 2017 (Industrial Lubrication and Tribology Journal) by Emerald Publishing Limited, UK• Outstanding Reviewer 2017 (Tribology International) by Elsevier, Amsterdam, The Netherlands• Best Paper Award – ISORIST’17• Best Tribology Paper Award - APSIM2016• Excellence Service Award 2015 - UTeM• Winner, University Academic Award 2015 - Quality Paper Award• Gold Award & Special Jury Award UTeMEX2015
PROFESSIONAL AFFILIATIONS
The Institution of Engineers Malaysia (MALAYSIA); Board of Engineers Malaysia (MALAYSIA), Malaysian Tribology Society (MALAYSIA); Society of Engineering Education Malaysia (MALAYSIA)