

**Record 1 of 159**

**Title:** Hard thin film coatings deposited by Cathodic Arc Physical Vapor Deposition technique  
**Author(s):** Talib, RJ (Talib, R. J.); Fazira, MF (Fazira, M. F.); Ariff, HM (Ariff, H. M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 1-1 **Published:** 2015  
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**Record 2 of 159**

**Title:** A unified approach for analysis of wear and fatigue  
**Author(s):** Khonsari, M (Khonsari, Michael)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 2-2 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

**Record 3 of 159**

**Title:** Tribology issues in low-friction engine surface finishing  
**Author(s):** El Mansori, M (El Mansori, M.); Mezghani, S (Mezghani, S.); Sabri, I (Sabri, I.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 3-3 **Published:** 2015  
**Accession Number:** WOS:000371256400003  
**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**Record 4 of 159**

**Title:** Overlooking map of tribotechnology  
**Author(s):** Kato, T (Kato, Takahisa)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 4-5 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**Record 5 of 159**

**Title:** Tribological aspects of wind and water power plants  
**Author(s):** Bartz, WJ (Bartz, Wilfried J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 6-6 **Published:** 2015  
**Accession Number:** WOS:000371256400005  
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**Record 6 of 159**

**Title:** New generation carbon coatings with monocrystalline structure as the promising new method of oil lubricity increasing  
**Author(s):** Levchenko, V (Levchenko, V.); Buyanovsky, I (Buyanovsky, I.); Zakharov, K (Zakharov, K.); Bol'shakov, A (Bol'shakov, A.); Matveenکو, V (Matveenکو, V.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 7-8 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**ISBN:** 978-967-13625-0-1

**Record 7 of 159**

**Title:** Status and developments in tribology of polymer composites  
**Author(s):** Schlarb, AK (Schlarb, A. K.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 9-11 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**Record 8 of 159**

**Title:** Nature inspired design in tribology  
**Author(s):** Ghazali, MJ (Ghazali, M. J.); Hassan, HA (Hassan, H. A.); Wahab, JA (Wahab, J. A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 12-13 **Published:** 2015  
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**Record 9 of 159**

**Title:** Low friction property of carbon overcoat DLC under boundary lubrication  
**Author(s):** Tokoroyama, T (Tokoroyama, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 14-16 **Published:** 2015  
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**Record 10 of 159**

**Title:** Effect of surface texturing on friction coefficient between aluminum and alloy tool steel under lubricated sliding contact  
**Author(s):** Nuraliza, N (Nuraliza, N.); Syahrullail, S (Syahrullail, S.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 17-18 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**Record 11 of 159**

**Title:** Adsorption and friction of Mussel Adhesive Protein (MAP) films under polarization  
**Author(s):** Xie, GX (Xie, G. X.); Zhang, F (Zhang, F.); Pan, JS (Pan, J. S.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 19-20 **Published:** 2015  
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**Record 12 of 159**

**Title:** Performance analysis of thermal arc spray aluminium coating as a sacrificial anode and mechanical properties in artificial seawater  
**Author(s):** Saad, NH (Saad, Nor Hayati); Abd Malek, MH (Abd Malek, Muhamad Hafiz); Abas, SK (Abas, Sunhaji Kiyai); Shah, NM (Shah, Noriyati Md)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 21-22 **Published:** 2015  
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**Record 13 of 159**

**Title:** High speed and large area coating of tetrahedral amorphous carbon with filtered multi cathode vacuum arc plasma system  
**Author(s):** Jang, YJ (Jang, Young-Jun); Kim, YJ (Kim, Yong Jin); Kim, GT (Kim, Gi Taek); Kang, YJ (Kang, Yong Jin); Kim, JK (Kim, Jong-kuk); Kim, SS (Kim, Seock-Sam)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 23-24 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**Record 14 of 159**

**Title:** Tribological impact of CI engine piston rings under different blend ratio biodiesel  
**Author(s):** Tamaldin, N (Tamaldin, N.); Abdollah, MFB (Abdollah, M. F. B.); Amiruddin, H (Amiruddin, H.); Abdullah, MA (Abdullah, M. A.); Taib, MT (Taib, M. T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 25-26 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**Record 15 of 159**

**Title:** Wear prediction of die coating in strip ironing by Finite Element simulation

**Author(s):** Sabangban, N (Sabangban, Numchoak); Mahabunphachai, S (Mahabunphachai, Sasawat); Sucharitpwatskul, S (Sucharitpwatskul, Sedthawatt); Mahayotsanun, N (Mahayotsanun, Numpon)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 27-28 **Published:** 2015

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**Record 16 of 159**

**Title:** An integration using Taguchi/response surface method on wear and friction of stainless steel-pin-on-pure Al block

**Author(s):** Nasir, RM (Nasir, R. Md.); Jan, DWJ (Jan, D. W. J.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 29-30 **Published:** 2015

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**Record 17 of 159**

**Title:** Power generation and blade turbine erosion

**Author(s):** Rahmani, M (Rahmani, Mohammed)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 31-31 **Published:** 2015

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**Record 18 of 159**

**Title:** Evaluation of transformed layer of DLC coating after friction test using Atomic Force Microscopy (AFM)

**Author(s):** Masripan, NAB (Masripan, N. A. B.); Tsukiyama, Y (Tsukiyama, Y.); Ohara, K (Ohara, K.); Umehara, N (Umehara, N.); Kousaka, H (Kousaka, H.); Tokoroyama, T (Tokoroyama, T.); Inami, S (Inami, S.); Zushi, K (Zushi, K.); Fujita, M (Fujita, M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 19 of 159**

**Title:** Corrosion study of heat treated nanocrystalline CoNiFe coating exposed in sodium solution

**Author(s):** Resali, NA (Resali, Nor Azrina); Hyie, KM (Hyie, Koay Mei); Berhan, MN (Berhan, M. N.); Roselina, NRN (Roselina, N. R. Nik); Mardziah, CM (Mardziah, C. M.); Salleh, Z (Salleh, Zuraidah)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 20 of 159**

**Title:** Stability of double porous and surface porous layer journal bearing

**Author(s):** Rao, TVVLN (Rao, T. V. V. L. N.); Rani, AMA (Rani, A. M. A.); Awang, M (Awang, M.); Nagarajan, T (Nagarajan, T.); Hashim, FM (Hashim, F. M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 36-37 **Published:** 2015

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**Record 21 of 159**

**Title:** 3D surface roughness effects on porous journal bearing performances

**Author(s):** Kerur, MH (Kerur, Mohammedrafi H.); Nagaraju, T (Nagaraju, T.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 38-39 **Published:** 2015

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**Record 22 of 159**

**Title:** Effect of dimensional tolerances on the performance of hybrid bearing  
**Author(s):** Lijesh, KP (Lijesh, K. P.); Hirani, H (Hirani, H.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 40-41 **Published:** 2015  
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**Record 23 of 159**

**Title:** Problems of rolling bearing life in small turbojet engines  
**Author(s):** Giemza, B (Giemza, Boleslaw); Jozwik, P (Jozwik, Pawel)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 42-43 **Published:** 2015  
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**Record 24 of 159**

**Title:** Surface roughness and fluid inertia effects on non-Newtonian THD performances of a journal bearing  
**Author(s):** Nagaraju, T (Nagaraju, T.); Prasad, ES (Prasad, E. Sujith)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 44-45 **Published:** 2015  
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**Record 25 of 159**

**Title:** Effect of orientation of pocket on the performance of geometrically irregular hybrid journal bearing  
**Author(s):** Rajput, AK (Rajput, Arvind K.); Sharma, SC (Sharma, Satish C.); Ram, N (Ram, Nathi)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 46-47 **Published:** 2015  
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**Record 26 of 159**

**Title:** Reusable sounding rocket engine and its tribological subjects  
**Author(s):** Yoshida, M (Yoshida, M.); Takada, S (Takada, S.); Hashimoto, T (Hashimoto, T.); Sato, M (Sato, M.); Kimura, T (Kimura, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 48-49 **Published:** 2015  
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**Record 27 of 159**

**Title:** Effect of radial and thickness of polyethylene on wear generation in total ankle replacement  
**Author(s):** Putra, AMS (Putra, A. M. S.); Harun, MN (Harun, M. N.); Syahrom, A (Syahrom, Ardiyansyah); Kadir, MRA (Kadir, M. R. Abdul)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 50-51 **Published:** 2015  
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**Record 28 of 159**

**Title:** The Influence of peg designs on glenoid component: A finite element study  
**Author(s):** Hadi, AWA (Hadi, A. W. A.); Kadir, MRA (Kadir, M. R. A.); Harun, MN (Harun, M. N.); Syahrom, A (Syahrom, A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 52-53 **Published:** 2015  
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**Record 29 of 159**

**Title:** The effect of the wear rate on impingement failure confirming the relation between impingement failure and wear of the acetabular liner surface based on finite element simulation

**Author(s):** Saputra, E (Saputra, E.); Anwar, IB (Anwar, I. B.); Ismail, R (Ismail, R.); Jamari, J (Jamari, J.); van der Heide, E (van der Heide, E.)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 30 of 159**

**Title:** Study on the biocompatibility and wear of stainless steel 316L and UHMWPE materials

**Author(s):** Anwar, IB (Anwar, I. B.); Saputra, E (Saputra, E.); Ismail, R (Ismail, R.); Jamari, J (Jamari, J.); Van der Heide, E (Van der Heide, E.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 56-57 **Published:** 2015

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**Record 31 of 159**

**Title:** Characteristics of regenerated cartilage tissue cultured under traction loading

**Author(s):** Fukuda, K (Fukuda, K.); Omata, S (Omata, S.); Yamaguchi, T (Yamaguchi, T.); Sawae, Y (Sawae, Y.)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 32 of 159**

**Title:** Measuring human hair friction with a crossed fibres test setup

**Author(s):** Krasmik, V (Krasmik, V.); Schlattmann, J (Schlattmann, J.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 60-61 **Published:** 2015

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**Record 33 of 159**

**Title:** Physical properties and energy absorption characteristic of open cell ENR/RR foam

**Author(s):** Mahamood, MA (Mahamood, M. A.); Mohamad, N (Mohamad, N.); Jeeffeerie, AR (Jeeffeerie, A. R.); Zain, AHM (Zain, A. H. M.); Shueb, MI (Shueb, M. I.); Effendy, AMH (Effendy, A. M. Hairul)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 34 of 159**

**Title:** Plastic deformation in running-in of rolling contact

**Author(s):** Yusof, NFM (Yusof, N. F. Mohd); Ripin, ZM (Ripin, Z. M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 64-65 **Published:** 2015

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**Record 35 of 159**

**Title:** Finite element modeling of the contact between an insole shoe and a ballnose cutter milling

**Author(s):** Bawono, B (Bawono, B.); Anggoro, PW (Anggoro, P. W.); Jamari, J (Jamari, J.); Bayuseno, AP (Bayuseno, A. P.)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 36 of 159**

**Title:** A numerical investigation of mechanical behavior of unfilled styrene-butadiene rubber by static straight blade indentation  
**Author(s):** Setiyana, B (Setiyana, B.); Ismail, R (Ismail, R.); Jamari, J (Jamari, J.); Schipper, DJ (Schipper, D. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 68-69 **Published:** 2015  
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**Record 37 of 159**

**Title:** Finite element analysis of a two layer viscoelastic material in contact with a flat punch  
**Author(s):** Anggoro, PW (Anggoro, P. W.); Bawono, B (Bawono, B.); Jamari, J (Jamari, J.); Bayuseno, AP (Bayuseno, A. P.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 70-71 **Published:** 2015  
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**Record 38 of 159**

**Title:** Effects of drop height and damper thickness on shock output optimization for hard disk drive reliability  
**Author(s):** Low, CK (Low, C. K.); Jamil, M (Jamil, M.); Azrul, M (Azrul, M.); Tan, CH (Tan, C. H.); Kazuo, N (Kazuo, N.); Ng, WL (Ng, W. L.); Takeshi, W (Takeshi, Watanabe); Ridwan, M (Ridwan, M.); Ridzwan, M (Ridzwan, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 39 of 159**

**Title:** Running-in of an artificial rough rolling-sliding contact using Finite Element Analysis  
**Author(s):** Ismail, R (Ismail, R.); Saputra, E (Saputra, E.); Jamari, J (Jamari, J.); Schipper, DJ (Schipper, D. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 40 of 159**

**Title:** Effect of geometry on the plastic contact between two hemispheres  
**Author(s):** Jamari, J (Jamari, J.); Saputra, E (Saputra, E.); Ismail, R (Ismail, R.); Tauviquirrahman, M (Tauviquirrahman, M.); Schipper, DJ (Schipper, D. J.)  
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**Record 41 of 159**

**Title:** Stick-slip motions of polymer gels having multiple artificial asperities  
**Author(s):** Yamaguchi, T (Yamaguchi, T.); Himeno, Y (Himeno, Y.); Sawae, Y (Sawae, Y.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 78-79 **Published:** 2015  
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**Record 42 of 159**

**Title:** Novel design concept for Rayleigh step bearing with high robustness against step height change due to frictional wear  
**Author(s):** Mori, S (Mori, Shunsuke); Maegawa, S (Maegawa, Satoru); Itoigawa, F (Itoigawa, Fumihiko); Nakamura, T (Nakamura, Takashi)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 43 of 159**

**Title:** Measurements of surface displacement field for multi-contact interface of elastomers  
**Author(s):** Maegawa, S (Maegawa, S.); Itoigawa, F (Itoigawa, F.); Nakamura, T (Nakamura, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 44 of 159**

**Title:** Effects of dispersed sulfides in bronze under line contact conditions  
**Author(s):** Sato, T (Sato, T.); Hirai, Y (Hirai, Y.); Fukui, T (Fukui, T.); Akiyama, K (Akiyama, K.); Usami, H (Usami, H.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 45 of 159**

**Title:** Compressive properties and water contact behavior of opened-cell green rubber foam at different blowing agent concentration  
**Author(s):** Mohamad, N (Mohamad, N.); Mazliah, M (Mazliah, M.); Sharafina, ZN (Sharafina, Z. Nur); Asyraf, MNA (Asyraf, M. N. Amirul); Abdollah, MFB (Abdollah, M. F. B.); Effendy, AMH (Effendy, A. M. Hairul)  
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**Record 46 of 159**

**Title:** Theoretical groundwork: An extension to the double Hertz model for adhesion between elastic cylinders  
**Author(s):** Zini, NHM (Zini, N. H. M.); de Rooij, MB (de Rooij, M. B.); Ismail, N (Ismail, N.); Schipper, DJ (Schipper, D. J.); Akchurin, A (Akchurin, A.)  
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**Record 47 of 159**

**Title:** The contact area of elastomers as a function of the sliding velocity  
**Author(s):** Rodriguez, NV (Rodriguez, N. V.); Khafidh, M (Khafidh, M.); Masen, MA (Masen, M. A.); Schipper, DJ (Schipper, D. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 48 of 159**

**Title:** An investigation of hard-on-soft contact: For reducing friction in hemispherical cup  
**Author(s):** Razak, DM (Razak, D. M.); Syahrullail, S (Syahrullail, S.); Nurul, MA (Nurul, M. A.); Nuraliza, N (Nuraliza, N.); Azli, Y (Azli, Y.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 49 of 159**

**Title:** Wear characteristics of thixoformed hypoeutectic Al-Si-Cu alloy with Mg addition  
**Author(s):** Alhawari, KS (Alhawari, K. S.); Omar, MZ (Omar, M. Z.); Ghazali, MJ (Ghazali, M. J.); Salleh, MS (Salleh, M. S.); Mohammed, MN (Mohammed, M. N.)  
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**Record 50 of 159**

**Title:** Effect of the particle angularity on friction coefficients and grit embedment of brake pad material

**Author(s):** Hamid, MKA (Hamid, M. K. Abdul); Abu Bakar, AR (Abu Bakar, A. R.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 96-97 **Published:** 2015

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**Title:** Influence of temperature on galling resistance of SS 416  
**Author(s):** Harsha, AP (Harsha, A. P.); Limaye, PK (Limaye, P. K.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 52 of 159**

**Title:** Dry sliding wear of in-situ synthesized Al-TiC composites  
**Author(s):** Kumar, A (Kumar, Abhishek); Gautam, RK (Gautam, Rakesh K.); Tyagi, R (Tyagi, Rajnesh)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 53 of 159**

**Title:** Sliding wear behavior of electro-carburized low carbon steel at high speed  
**Author(s):** Ling, JLJ (Ling, J. L. J.); Liew, WYH (Liew, W. Y. H.); Siambun, NJ (Siambun, N. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 54 of 159**

**Title:** The characteristics of the fretting wear of Inconel738LC and CM247LC according to the roughness change  
**Author(s):** Kum, KS (Kum, Kyoung-Sup); Lee, YZ (Lee, Young-Ze)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 104-105 **Published:** 2015  
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**Record 55 of 159**

**Title:** Reciprocating wear of mild steel carburized using Na<sub>2</sub>CO<sub>3</sub>-NaCl  
**Author(s):** Liew, WYH (Liew, W. Y. H.); Protasius, R (Protasius, Roonie); Ling, JLJ (Ling, J. L. J.); Siambun, NJ (Siambun, N. J.); Mohd-Lair, NA (Mohd-Lair, Noor-Ajjan)  
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**Record 56 of 159**

**Title:** Tribological behavior of Al based self-lubricating composites  
**Author(s):** Rajput, V (Rajput, Vineet); Gautam, RK (Gautam, Rakesh K.); Tyagi, R (Tyagi, Rajnesh)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 57 of 159**

**Title:** Effect of humidity on limiting friction: An experimental investigation  
**Author(s):** Pondicherry, KS (Pondicherry, K. S.); Wolf, F (Wolf, F.); Krenn, G (Krenn, G.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 58 of 159**

**Title:** Detection of wear transition using change in frequency of AE signals  
**Author(s):** Hase, A (Hase, Alan); Takemura, Y (Takemura, Yota); Mishina, H (Mishina, Hiroshi)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 59 of 159**

**Title:** Dry sliding wear behavior of Al-SiO<sub>2</sub> composites  
**Author(s):** Mohan, S (Mohan, S.); Gautam, G (Gautam, Gaurav); Kumar, N (Kumar, Narendra); Gautam, RK (Gautam, R. K.); Mohan, A (Mohan, A.); Jaiswal, AK (Jaiswal, Ashish. Kr.)  
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**Record 60 of 159**

**Title:** Synthesis and tribological properties of AA5052 base insitu composites  
**Author(s):** Gautam, G (Gautam, Gaurav); Kumar, N (Kumar, Narendra); Mohan, A (Mohan, Anita); Mohan, S (Mohan, Sunil); Gautam, RK (Gautam, R. K.)  
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**Record 61 of 159**

**Title:** The challenge of temperature measurement in tribology experiments  
**Author(s):** Yap, TC (Yap, T. C.); Low, KO (Low, K. O.); Efzan, MNE (Efzan, M. N. Ervina)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 62 of 159**

**Title:** Effects of oxidative degradation on the wear and wear particles of cross-linked UHMWPE  
**Author(s):** Zhang, L (Zhang, L.); Sawae, Y (Sawae, Y.); Murakami, T (Murakami, T.); Yamaguchi, T (Yamaguchi, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 63 of 159**

**Title:** Effect of trace moisture content on friction of carbon fiber filled PTFE in high purity gas  
**Author(s):** Kojima, H (Kojima, H.); Sawae, Y (Sawae, Y.); Morita, T (Morita, T.); Sugimura, J (Sugimura, J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 64 of 159**

**Title:** Severe-mild wear transition at different relative humidity rates  
**Author(s):** Fukuda, K (Fukuda, K.); Morita, T (Morita, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 127-128 **Published:** 2015  
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**Record 65 of 159**

**Title:** Wear characteristics of a combustion liner for power generation gas turbine

**Author(s):** Pauzi, AA (Pauzi, Ahmad Afiq); Ghazali, MJ (Ghazali, Mariyam Jameelah); Zamri, WFHW (Zamri, Wan Fathul Hakim W.); Yunus, SM (Yunus, Salmi Mohd); Husin, S (Husin, Shuib)

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**Record 66 of 159**

**Title:** Kinetic and friction analyses of a preloaded double nut ball-screw

**Author(s):** Wei, CC (Wei, Chin-Chung); Hsu, TH (Hsu, Tung-Hao)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 67 of 159**

**Title:** Wear mechanism of carbide cutting tools in machining process

**Author(s):** Ghani, JA (Ghani, Jaharah A.); Baron, CHC (Baron, Che Hassan Che); Tomadi, SH (Tomadi, Siti Haryani); Kasim, MS (Kasim, Mohd Shahir); Sulaiman, MA (Sulaiman, Mohd Amri)

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**Record 68 of 159**

**Title:** Friction in fiber-fiber contact: An experimental setup

**Author(s):** Ismail, N (Ismail, N.); de Vries, EG (de Vries, E. G.); de Rooij, MB (de Rooij, M. B.); Zini, NHM (Zini, N. H. M.); Schipper, DJ (Schipper, D. J.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 135-136 **Published:** 2015

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**ISBN:** 978-967-13625-0-1

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**Record 69 of 159**

**Title:** Effect of strain rate response and pin diameter on mechanically mixed layer formation and wear mechanisms in a Ti6Al4V-SS316L pair

**Author(s):** Raj, JA (Raj, Ashok J.); Kailas, SV (Kailas, Satish V.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 137-138 **Published:** 2015

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**ISBN:** 978-967-13625-0-1

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**Record 70 of 159**

**Title:** Influence of single and multiple particle size variation on mechanical and wear behaviour of aluminium silicon carbide composites

**Author(s):** Adebisi, AA (Adebisi, A. A.); Maleque, MA (Maleque, M. A.); Ali, MY (Ali, M. Y.); Bello, KA (Bello, K. A.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 139-141 **Published:** 2015

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**ISBN:** 978-967-13625-0-1

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**Record 71 of 159**

**Title:** The effect of oil treatment on wear property of medium carbon steel

**Author(s):** Kasolang, S (Kasolang, S.); Anwar, MHK (Anwar, M. H. K.); Ismail, MH (Ismail, M. H.); Bakar, MAA (Bakar, M. A. A.); Roselina, NRN (Roselina, N. R. N.); Jumahat, A (Jumahat, A.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 142-143 **Published:** 2015

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**Record 72 of 159**

**Title:** Significance of tool rotational speed and impact of tool pin profile on the tribological properties of friction stir welded AZ80A Mg alloy  
**Author(s):** Sevvel, P (Sevvel, P.); Jaiganesh, V (Jaiganesh, V.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 144-145 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

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**Record 73 of 159**

**Title:** Dry sliding wear of recycled carbon fiber reinforced epoxy composites  
**Author(s):** Ahsan, Q (Ahsan, Q.); Law, ML (Law, M. L.); Farahyan, R (Farahyan, R.); Mohamad, N (Mohamad, N.); Effendy, H (Effendy, H.); Sivarao (Sivarao)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 146-147 **Published:** 2015  
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**Record 74 of 159**

**Title:** Abrasive wear rate on natural fibre composite  
**Author(s):** Abu Bakar, MA (Abu Bakar, M. A.); Ahmad, MA (Ahmad, M. A.); Kasolang, S (Kasolang, S.); Roseley, NRN (Roseley, N. R. Nik); Masdek, NRNM (Masdek, N. R. Nik Mohd)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 148-149 **Published:** 2015  
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**Record 75 of 159**

**Title:** Experimental analysis of antiwear property of 460cSt industrial mineral gear oil with MWCNT and ZnO nanoparticles using pin-on-disc apparatus  
**Author(s):** Bhaumik, S (Bhaumik, Shubrajit); Pathak, SD (Pathak, S. D.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 150-152 **Published:** 2015  
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**Record 76 of 159**

**Title:** Investigation of Demnum-based PFPE lubricant thickness tendency with mixture of additive on magnetic hard disk head-disk interface (HDI) tribological performance  
**Author(s):** Ooi, YH (Ooi, Y. H.); Por, YY (Por, Y. Y.); Khairul, A (Khairul, A.); Yeap, SP (Yeap, S. P.); Kazuo, N (Kazuo, N.); Ng, WL (Ng, W. L.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 153-154 **Published:** 2015  
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**Record 77 of 159**

**Title:** Study of graphene nanolubricant using thermogravimetric analysis  
**Author(s):** Rasheed, AK (Rasheed, A. K.); Khalid, M (Khalid, M.); Rashmi, W (Rashmi, W.); Gupta, TCSM (Gupta, T. C. S. M.); Chan, A (Chan, A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 155-156 **Published:** 2015  
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**Record 78 of 159**

**Title:** Hydrodynamic lubrication of surface textured lubricated contacts with boundary slip using CFD  
**Author(s):** Tauviquirrahman, M (Tauviquirrahman, M.); Muchammad, (Muchammad); Pratomo, AW (Pratomo, A. W.); Jamari, J (Jamari, J.); Schipper, DJ (Schipper, D. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 157-158 **Article Number:** UNSP 860860860- **Published:** 2015

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**ISBN:** 978-967-13625-0-1

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**Record 79 of 159**

**Title:** Numerical investigation of pocketed slip slider bearing with non-Newtonian lubricant  
**Author(s):** Pratomo, AW (Pratomo, A. W.); Muchammad (Muchammad); Tauviquirrahman, M (Tauviquirrahman, M.); Jamari, J (Jamari, J.); Bayuseno, AP (Bayuseno, A. P.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 159-160 **Published:** 2015  
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**Record 80 of 159**

**Title:** Effects of fuel additive to the fuel economy and emission in gasoline engine  
**Author(s):** Abdullah, NR (Abdullah, N. R.); Asiah, AR (Asiah, A. R.); Helmisyah, AJ (Helmisyah, A. J.); Michael, Z (Michael, Z.); Ahmad, MA (Ahmad, M. A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 161-162 **Published:** 2015  
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**Record 81 of 159**

**Title:** Numerical investigation of the combined effects of slip and texture on tribological performance of bearing  
**Author(s):** Susilowati (Susilowati); Tauviquirrahman, M (Tauviquirrahman, M.); Jamari, J (Jamari, J.); Bayuseno, AP (Bayuseno, A. P.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 163-164 **Published:** 2015  
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**Record 82 of 159**

**Title:** Effect of lubricant and thermal resistance filler on the pressure and speed sensitivity characteristics of non-asbestos low metallic disc brake pad formulation  
**Author(s):** Ragh, MR (Ragh, M. Rahul); Vijay, R (Vijay, R.); Venkatramani, A (Venkatramani, Arvind); Singaravelu, DL (Singaravelu, D. Lenin)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 83 of 159**

**Title:** Development of Otto-ATR Raman spectroscopy for thin lubricant films  
**Author(s):** Yada, S (Yada, S.); Maegawa, S (Maegawa, S.); Itoigawa, F (Itoigawa, F.); Nakamura, T (Nakamura, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 84 of 159**

**Title:** SPR microscopy with ATR Otto configuration for observing thin boundary lubrication films  
**Author(s):** Yamaguchi, J (Yamaguchi, J.); Maegawa, S (Maegawa, S.); Itoigawa, F (Itoigawa, F.); Nakamura, T (Nakamura, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 85 of 159**

**Title:** Compensated hole-entry hybrid journal bearing by CFV restrictor under micropolar lubricants  
**Author(s):** Ram, N (Ram, Nathi); Sharma, SC (Sharma, Satish C.); Rajput, A (Rajput, Arvind)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 171-172 **Published:** 2015  
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**Record 86 of 159**

**Title:** Mechanism for increase in EHL oil film thickness by formation of sub-micrometer downsteps beside contact point  
**Author(s):** Ishihara, H (Ishihara, H.); Hirayama, T (Hirayama, T.); Matsuoka, T (Matsuoka, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 173-174 **Published:** 2015  
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**Record 87 of 159**

**Title:** Rheological property of boundary layer formed by oiliness additive evaluated by a new rheometer with narrow clearance  
**Author(s):** Shibata, S (Shibata, S.); Hashimoto, Y (Hashimoto, Y.); Hirayama, T (Hirayama, T.); Matsuoka, T (Matsuoka, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 175-176 **Published:** 2015  
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**Record 88 of 159**

**Title:** Effects of fuel additive quantity on fuel consumption and CO emissions of a 1.6L gasoline engine fueled with RON97  
**Author(s):** Abdullah, NR (Abdullah, N. R.); Mat, MH (Mat, Muhammad Hanif); Mamat, AMI (Mamat, Aman Mohd Ihsan); Saad, I (Saad, Idris); Mat, MF (Mat, Muhammad Faiz)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 89 of 159**

**Title:** New oil condition monitoring system, WearSens (R) enables continuous, online detection of critical operating conditions and wear damage  
**Author(s):** Mauntz, M (Mauntz, Manfred); Kuipers, U (Kuipers, Ulrich); Peuser, J (Peuser, Joern)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 179-180 **Published:** 2015  
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**Record 90 of 159**

**Title:** Analyses of various viscosity effects to hydrodynamic lubrication in tube spinning process  
**Author(s):** Nawi, I (Nawi, I.); Zain, BAM (Zain, B. A. M.); Siswanto, WA (Siswanto, W. A.); Jaffery, N (Jaffery, N.); Wahab, H (Wahab, H.)  
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**Record 91 of 159**

**Title:** Dynamic behavior of diesel spray during end-of-injection influence by ambient density and pressure fuel injection  
**Author(s):** Nawi, MAHM (Nawi, Mohd Al-Hafiz Mohd); Uwa, N (Uwa, Naoya); Ueda, Y (Ueda, Yuki); Nada, Y (Nada, Yuzuru); Kidoguchi, Y (Kidoguchi, Yoshiyuki)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 92 of 159**

**Title:** Lubricating oil deterioration on a four-ball test rig via on-line monitoring  
**Author(s):** Du, Y (Du, Y.); Wu, TH (Wu, T. H.); Cheng, J (Cheng, J.); Gong, RJ (Gong, R. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 185-186 **Published:** 2015  
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**Record 93 of 159**

**Title:** Review of biodiesel standard development in Malaysia  
**Author(s):** Tamaldin, N (Tamaldin, N.); Abdollah, MFB (Abdollah, M. F. B.); Amiruddin, H (Amiruddin, H.); Yamin, AKM (Yamin, A. K. Mat); Masjuki, HH (Masjuki, H. H.); Zulfattah, ZM (Zulfattah, Z. M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 94 of 159**

**Title:** Comparison of the frictional properties of nano-oil and SAE 15W40 oil diluted with biodiesel fuel  
**Author(s):** Abdullah, MIHC (Abdullah, M. I. H. C.); Abdollah, MFB (Abdollah, M. F. B.); Nuri, NRM (Nuri, N. R. Mat); Amiruddin, H (Amiruddin, H.); Tamaldin, N (Tamaldin, N.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 190-191 **Published:** 2015  
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**Record 95 of 159**

**Title:** Evaluations of piston ring wear using nano hexagonal boron nitride lubricant additives in small diesel engine  
**Author(s):** Abdullah, MIHC (Abdullah, M. I. H. C.); Abdollah, MFB (Abdollah, M. F. B.); Amiruddin, H (Amiruddin, H.); Tamaldin, N (Tamaldin, N.); Nuri, NRM (Nuri, N. R. Mat)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 192-193 **Published:** 2015  
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**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc  
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**Record 96 of 159**

**Title:** AW/EP behavior of WS2 nanoparticles added to vegetable oil-based lubricant  
**Author(s):** Gulzar, M (Gulzar, M.); Masjuki, HH (Masjuki, H. H.); Kalam, MA (Kalam, M. A.); Varman, M (Varman, M.); Mufti, RA (Mufti, R. A.); Zahid, R (Zahid, Rehan); Yunus, R (Yunus, R.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc  
**ISBN:** 978-967-13625-0-1

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**Record 97 of 159**

**Title:** Non-edible palm oil: Alternative to mineral based lubricant in metal forming process  
**Author(s):** Nurul, MA (Nurul, M. A.); Syahrullail, S (Syahrullail, S.); Razak, M (Razak, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 196-198 **Published:** 2015  
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**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc  
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**Record 98 of 159**

**Title:** Tribology characteristic of hBN particle as an additive in modified jatropha oil as a sustainable metalworking fluids  
**Author(s):** Talib, N (Talib, N.); Nasir, RM (Nasir, R. Md); Rahim, EA (Rahim, E. A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 199-200 **Published:** 2015  
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**Record 99 of 159**

**Title:** Comparison of tribological performance of zinc dialkyldithiophosphate (ZDDP) in poly-alpha-olefin (PAO) and palm oil-based trimethylpropane (TMP) ester  
**Author(s):** Zahid, R (Zahid, Rehan); Masjuki, HH (Masjuki, H. H.); Varman, M (Varman, Mahendra); Mufti, RA (Mufti, R. A.); Abul Kalam, M (Abul Kalam, Md); Gulzar, M (Gulzar, Mubashir); Yunus, R (Yunus, R.)

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**Conference Location:** Penang, MALAYSIA

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**ISBN:** 978-967-13625-0-1

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**Record 100 of 159**

**Title:** Cost evaluation on PVD coating during end milling of Inconel 71 under MQL condition

**Author(s):** Kasim, MS (Kasim, M. S.); Haron, CHC (Haron, C. H. Che); Ghani, JA (Ghani, J. A.); Hadi, MA (Hadi, M. A.); Ali, MA (Ali, M. A.); Izamshah, R (Izamshah, R.); Minhat, M (Minhat, M.); Anand, TJS (Anand, T. J. S.); Ito, T (Ito, T.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 203-204 **Published:** 2015

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**Conference Title:** Malaysian International Tribology Conference (MITC)

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**ISBN:** 978-967-13625-0-1

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**Record 101 of 159****Title:** Graphene nanoplatelets in bio-based lubricant**Author(s):** Azman, SSN (Azman, S. S. N.); Zulkifli, NWM (Zulkifli, N. W. M.); Masjuki, HH (Masjuki, H. H.)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 205-206 **Published:** 2015**Accession Number:** WOS:000371256400101**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015**Conference Location:** Penang, MALAYSIA**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc**ISBN:** 978-967-13625-0-1**Record 102 of 159****Title:** Tribological performance of raw and chemically modified RBD palm kernel**Author(s):** Farhanah, AN (Farhanah, A. N.); Syahrullail, S (Syahrullail, S.); Sapawe, N (Sapawe, N.)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 207-208 **Published:** 2015**Accession Number:** WOS:000371256400102**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015**Conference Location:** Penang, MALAYSIA**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc**ISBN:** 978-967-13625-0-1**Record 103 of 159****Title:** The feasibility study of CaCO<sub>3</sub> derived from cockleshell as nanoparticle in chemically modified lubricant**Author(s):** Zainal, NA (Zainal, N. A.); Zulkifli, NWM (Zulkifli, N. W. M.); Yusoff, M (Yusoff, M.); Masjuki, HH (Masjuki, H. H.); Yunus, R (Yunus, R.)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 209-210 **Published:** 2015**Accession Number:** WOS:000371256400103**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015**Conference Location:** Penang, MALAYSIA**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc**ISBN:** 978-967-13625-0-1**Record 104 of 159****Title:** Friction and wear characteristics of recycled aerocomposite carbon fibre reinforced polypropylene composites**Author(s):** Latiff, AA (Latiff, A. A.); Mohamad, N (Mohamad, N.); Jeefferie, AR (Jeefferie, A. R.); Nasir, MHM (Nasir, M. H. M.); Rahmah, SS (Rahmah, S. Siti); Mahamood, MA (Mahamood, M. A.); Abdullah, MIHC (Abdullah, M. I. H. C.); Abdollah, MFB (Abdollah, M. F. B.)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 211-212 **Published:** 2015**Accession Number:** WOS:000371256400104**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015**Conference Location:** Penang, MALAYSIA**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc**ISBN:** 978-967-13625-0-1**Record 105 of 159****Title:** Addition of ZDDP in corn oil as lubricant physical property improver**Author(s):** Nuri, NRM (Nuri, N. R. Mat); Suffian, QN (Suffian, Q. N.); Saroji, MFHM (Saroji, M. F. H. M.); Azhari, MA (Azhari, M. A.)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 213-214 **Published:** 2015**Accession Number:** WOS:000371256400105**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015**Conference Location:** Penang, MALAYSIA**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc**ISBN:** 978-967-13625-0-1**Record 106 of 159****Title:** Preliminary studies on physical property of canola oil plus ZDDP as bio-lubricant**Author(s):** Azhari, MA (Azhari, M. A.); Zainal, SH (Zainal, S. H.); Saroji, MFHM (Saroji, M. F. H. M.); Nuri, NRM (Nuri, N. R. Mat)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 215-216 **Published:** 2015**Accession Number:** WOS:000371256400106**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015**Conference Location:** Penang, MALAYSIA**Conference Sponsors:** Univ Teknikal Malaysia Melaka, Malaysian Tribol Soc**ISBN:** 978-967-13625-0-1**Record 107 of 159****Title:** Comparison of physical and tribological properties of coconut oils extracted from dry and wet processing**Author(s):** Gasni, D (Gasni, D.); Mulyadi, IH (Mulyadi, I. H.); Affi, J (Affi, Jon)**Edited by:** Ghazali MJB; BinAbdollah MF**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 217-219 **Published:** 2015**Accession Number:** WOS:000371256400107**Conference Title:** Malaysian International Tribology Conference (MITC)**Conference Date:** NOV 16-17, 2015

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**Record 108 of 159**

**Title:** Preliminary study of friction and wear on natural oil-based lubricants  
**Author(s):** Azmi, MIR (Azmi, M. I. R.); Tee, BT (Tee, B. T.); Masripan, NAB (Masripan, N. A. B.); Chong, CT (Chong, C. T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 220-221 **Published:** 2015  
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**Record 109 of 159**

**Title:** EDS analysis of tribofilm formed on self-mated stainless steel lubricated by palm biodiesel  
**Author(s):** Fuadi, Z (Fuadi, Z.); Takeno, T (Takeno, T.); Adachi, K (Adachi, K.); Tadjuddin, M (Tadjuddin, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 222-223 **Published:** 2015  
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**Conference Title:** Malaysian International Tribology Conference (MITC)  
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**ISBN:** 978-967-13625-0-1

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**Record 110 of 159**

**Title:** Innovision in ecotribology: Biomimetic approaches  
**Author(s):** Gebeshuber, IC (Gebeshuber, I. C.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 224-225 **Published:** 2015  
**Accession Number:** WOS:000371256400110  
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**ISBN:** 978-967-13625-0-1

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**Record 111 of 159**

**Title:** Characterized and toxicity study of carbon nanotubes synthesis from fermented tapioca for tribological applications  
**Author(s):** Nurulhuda, I (Nurulhuda, I.); Poh, R (Poh, R.); Mazatulikhma, MZ (Mazatulikhma, M. Z.); Rusop, M (Rusop, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 226-227 **Published:** 2015  
**Accession Number:** WOS:000371256400111  
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**ISBN:** 978-967-13625-0-1

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**Record 112 of 159**

**Title:** Structural properties of graphene from green carbon source via Thermal Chemical Vapour Deposition (CVD)  
**Author(s):** Salifairus, MJ (Salifairus, M. J.); Abd Hamid, SB (Abd Hamid, S. B.); Soga, T (Soga, T.); Alrokayan, SAH (Alrokayan, Salman A. H.); Khan, HA (Khan, Haseeb A.); Rusop, M (Rusop, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 228-229 **Published:** 2015  
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**Record 113 of 159**

**Title:** Development of a versatile mechanical property testing platform  
**Author(s):** Sun, WX (Sun, Wanxin)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 230-231 **Published:** 2015  
**Accession Number:** WOS:000371256400113  
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**Record 114 of 159**

**Title:** FEM analysis in identifying the turning parameters for dimple structure fabrication  
**Author(s):** Dali, MNAM (Dali, Mohd Nor Azam Mohd); Ghani, JA (Ghani, Jaharah A.); Baron, CHC (Baron, Che Hassan Che)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 232-233 **Published:** 2015  
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**Record 115 of 159**

**Title:** Characteristics of PVD CrAlN thin film on Al-Si piston alloy

**Author(s):** Mehran, QM (Mehran, Q. M.); Bushroa, AR (Bushroa, A. R.); Fazal, MA (Fazal, M. A.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 234-235 **Published:** 2015

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**Record 116 of 159**

**Title:** Comparative study of conventional blasting in Labuan Shipyard and Engineering (LSE): Reliability of recycled garnet

**Author(s):** Shah, NHNEA (Shah, Nur Hidayatul Nadhirah Elmi Azham); Saman, A (Saman, Ali); Ismail, MH (Ismail, Muhammad Hussain)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 236-237 **Published:** 2015

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**Record 117 of 159**

**Title:** Investigation into effect of silicon morphology on surface roughness while machining Al-Si-Cu-Mg alloy

**Author(s):** Barzani, MM (Barzani, M. Marani); Sarhan, AAD (Sarhan, A. A. D.); Ramesh, S (Ramesh, S.); Maher, I (Maher, I.); Farahany, S (Farahany, S.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 238-239 **Published:** 2015

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**Record 118 of 159**

**Title:** White layer thickness prediction in WEDM-ANFIS modeling

**Author(s):** Maher, I (Maher, Ibrahim); Sarhan, AAD (Sarhan, Ahmed A. D.); Marashi, H (Marashi, Houriyeh); Barzani, MM (Barzani, Mohsen Marani); Hamdi, M (Hamdi, M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 240-241 **Published:** 2015

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**Record 119 of 159**

**Title:** Enhanced surface roughness of AISI D2 steel machined using nano-powder mixed electrical discharge machining

**Author(s):** Marashi, H (Marashi, Houriyeh); Sarhan, AAD (Sarhan, Ahmed A. D.); Maher, I (Maher, Ibrahim); Sayuti, M (Sayuti, M.); Hamdi, M (Hamdi, M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 242-243 **Published:** 2015

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**Record 120 of 159**

**Title:** Laser surface texturing on ceramic coating

**Author(s):** Wahab, JA (Wahab, Juyana A.); Ghazali, MJ (Ghazali, M. J.); Yusoff, WMW (Yusoff, W. M. W.); Sajuri, Z (Sajuri, Z.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 244-245 **Published:** 2015

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**ISBN:** 978-967-13625-0-1

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**Record 121 of 159**

**Title:** Effect of surface texture on the tribological performance of DLC coating

**Author(s):** Arslan, A (Arslan, A.); Masjuki, HH (Masjuki, H. H.); Varman, M (Varman, M.); Kalam, A (Kalam, A.); Mufti, RA (Mufti, R. A.); Gulzar, M (Gulzar, M.); Quazi, MM (Quazi, M. M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 246-247 **Published:** 2015

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**Record 122 of 159**

**Title:** Substrate temperature impact towards carbon overcoat properties and corrosion performance in magnetic recording media  
**Author(s):** Balqis, A (Balqis, Amalina); Fan, MS (Fan, Mun-Sing); Yusop, MSM (Yusop, M. Shapuan M.); Khoo, WS (Khoo, W. S.); Wah, LN (Wah, Lawrence Ng); Nimura, K (Nimura, Kazuo)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 248-250 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

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**Record 123 of 159**

**Title:** Theoretical investigation of texture depth effect on the lubrication performance in slip pocketed bearing including cavitation  
**Author(s):** Muchammad (Muchammad); Tauvqiirrahman, M (Tauvqiirrahman, M.); Pratomo, AW (Pratomo, A. W.); Jamari, J (Jamari, J.); Schipper, DJ (Schipper, D. J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 251-252 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

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**Record 124 of 159**

**Title:** Clarification the effects of oxygen to carbon ratio on wear mechanism of diamond-like carbon under pressurized hot water  
**Author(s):** Rody, MZM (Rody, M. Z. M.); Okuno, K (Okuno, K.); Umehara, N (Umehara, N.); Inayoshi, N (Inayoshi, N.); Sasaki, K (Sasaki, K.); Kawara, S (Kawara, S.); Kousaka, H (Kousaka, H.); Deng, X (Deng, X.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 253-254 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

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**Record 125 of 159**

**Title:** Diamond like carbon deposition process optimization for media disk corrosion performance  
**Author(s):** Khoo, WS (Khoo, W. S.); Nasir, RM (Nasir, R. Md.); Zaidi, MR (Zaidi, M. R.); Ng, WL (Ng, W. L.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 255-256 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

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**Record 126 of 159**

**Title:** Influences of carbon content within TiCxN1-x coating to adhesivity onto tungsten carbide substrate  
**Author(s):** Siow, PC (Siow, P. C.); Ghani, JA (Ghani, J. A.); Haron, CHC (Haron, C. H. Che); Ghazali, MJ (Ghazali, M. J.); Jaafar, TR (Jaafar, T. R.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
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**Record 127 of 159**

**Title:** Surface roughness of AISI/AIN metal matrix composite material using the Taguchi method  
**Author(s):** Said, MS (Said, M. S.); Ghani, JA (Ghani, J. A.); Wan, NN (Wan, N. N.); Haron, CHC (Haron, C. H. Che)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 259-260 **Published:** 2015  
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**Record 128 of 159**

**Title:** A study on powder-pack boronizing of 316 stainless-steel ball bearing  
**Author(s):** Omar, NH (Omar, N. H.); Hasan, R (Hasan, R.); Masripan, NAB (Masripan, N. A. B.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 261-262 **Published:** 2015  
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**Record 129 of 159**

**Title:** Interconnect material preparation via milled and ultrasonically Fe<sub>80</sub>Cr<sub>20</sub> alloy powder  
**Author(s):** Leman, AM (Leman, A. M.); Feriyanto, D (Feriyanto, D.); Baba, I (Baba, I.); Abu Bakar, B (Abu Bakar, B.); Rahmad, R (Rahmad, R.); Sebayang, D (Sebayang, D.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 263-264 **Published:** 2015  
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**Record 130 of 159**

**Title:** Preparation and characterization of TiG-alloyed hybrid composite coatings for high temperature solid lubrication  
**Author(s):** Bello, KA (Bello, K. A.); Maleque, MA (Maleque, M. A.); Ahmad, Z (Ahmad, Z.); Adebisi, AA (Adebisi, A. A.); Mirdha, S (Mirdha, S.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 265-267 **Published:** 2015  
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**Record 131 of 159**

**Title:** Characterisation of surface modification on titanium alloys for dental implant application  
**Author(s):** Jemat, A (Jemat, A.); Ghazali, MJ (Ghazali, M. J.); Razali, M (Razali, M.); Otsuka, Y (Otsuka, Y.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 268-270 **Published:** 2015  
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**Record 132 of 159**

**Title:** Corrosion behavior and mechanical properties of duplex coating Ti6Al4V/TiAlBN  
**Author(s):** Yusuf, Y (Yusuf, Yusliza); Rosli, ZM (Rosli, Zulkifli Mohd.); Juoi, JM (Juoi, Jariah Mohamad); Omar, N (Omar, Nooririnah)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 271-272 **Published:** 2015  
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**Record 133 of 159**

**Title:** A study on effect of laser textured cast iron surfaces on reducing friction and wear  
**Author(s):** Lazim, NAM (Lazim, N. A. M.); Kamal, SEM (Kamal, S. E. M.); Hasan, R (Hasan, R.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 273-274 **Published:** 2015  
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**ISBN:** 978-967-13625-0-1

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**Record 134 of 159**

**Title:** Analysis of sliding contact temperature for roughness surface  
**Author(s):** Chern, SY (Chern, S. Y.); Horng, JH (Horng, J. H.); Tsai, HJ (Tsai, H. J.); Tsai, CH (Tsai, C. H.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 275-277 **Published:** 2015  
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**Record 135 of 159**

**Title:** Characterization of thermal barrier coating on piston crown for high temperature internal combustion engine  
**Author(s):** Jalaludin, HA (Jalaludin, Helmiyah Ahmad); Mohammad, MAF (Mohammad, Muhammad Akmal Fahmi); Kasolang, S (Kasolang, Salmiah); Abdullah, S (Abdullah, Shahrir)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 278-279 **Published:** 2015

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**Record 136 of 159**

**Title:** The effect of macro-rivet textures on tribological performances  
**Author(s):** Yusoff, MNAM (Yusoff, M. N. A. M.); Masjuki, HH (Masjuki, H. H.); Zulkifli, NWM (Zulkifli, N. W. M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 280-281 **Published:** 2015  
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**Record 137 of 159**

**Title:** 3D modeling of rough surface from the measurement data  
**Author(s):** Kartini (Kartini); Saputra, E (Saputra, E.); Ismail, R (Ismail, R.); Jamari, J (Jamari, J.); Bayuseno, AP (Bayuseno, A. P.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 282-283 **Published:** 2015  
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**Record 138 of 159**

**Title:** Hydrogen permeation into bearing steels under sliding  
**Author(s):** Tanaka, H (Tanaka, H.); Komatsu, T (Komatsu, T.); Sugimura, J (Sugimura, J.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 284-285 **Published:** 2015  
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**Record 139 of 159**

**Title:** Improved cold sprayed CoNiCrAlY bond coat in thermal barrier coating  
**Author(s):** Manap, A (Manap, A.); Afandi, NF (Afandi, N. F.); Yusof, SNA (Yusof, S. N. A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 286-287 **Published:** 2015  
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**Record 140 of 159**

**Title:** Tribological analysis of touch experience about various fabrics  
**Author(s):** Kim, MS (Kim, M. S.); Lee, YZ (Lee, Y. Z.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 288-289 **Published:** 2015  
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**Record 141 of 159**

**Title:** Tribological study of nanoporous amorphous boron carbide film prepared by pulsed plasma CVD  
**Author(s):** Liza, S (Liza, S.); Ohtake, N (Ohtake, N.); Akasaka, H (Akasaka, H.); Munoz-Guijosa, JM (Munoz-Guijosa, J. M.); Masjuki, HH (Masjuki, H. H.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 290-291 **Published:** 2015  
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**Record 142 of 159**

**Title:** Direct observation of adsorbed additive layer at solid-liquid interface by frequency-modulation atomic force microscopy  
**Author(s):** Fujino, K (Fujino, K.); Kawamura, R (Kawamura, R.); Matsuoka, T (Matsuoka, T.); Hirayama, T (Hirayama, T.); Onishi, H (Onishi, H.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 292-293 **Published:** 2015  
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**Record 143 of 159**

**Title:** Tribological properties of polymer overlay coated on the micro-textured metal substrate  
**Author(s):** Ishihara, J (Ishihara, J.); Horiba, Y (Horiba, Y.); Enomoto, K (Enomoto, K.); Usami, H (Usami, H.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 294-295 **Published:** 2015  
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**Record 144 of 159**

**Title:** Research on thermal stability of DLC by using in-situ Environmental Scanning Electron Microscope  
**Author(s):** Deng, X (Deng, X.); Izuoka, H (Izuoka, H.); Kousaka, H (Kousaka, H.); Umehara, N (Umehara, N.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 296-297 **Published:** 2015  
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**Record 145 of 159**

**Title:** DLC coatings for cam follower applications: The role of the surface on tribochemical reactions, friction and wear  
**Author(s):** Ofune, M (Ofune, MacDonald); Yang, LQ (Yang, Liuquan); Morina, A (Morina, Ardian); Neville, A (Neville, Anne)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 298-299 **Published:** 2015  
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**Record 146 of 159**

**Title:** Hybrid bilayer structure PbTiO<sub>3</sub>/PVDF-TrFE prepared by spin coating method for capacitor applications  
**Author(s):** Zainal, N (Zainal, Nurbaya); Wahid, MH (Wahid, M. H.); Dahan, R (Dahan, Rozana); Alrokayan, SAH (Alrokayan, Salman A. H.); Khan, HA (Khan, Haseeb A.); Rusop, M (Rusop, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 300-301 **Published:** 2015  
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**Record 147 of 159**

**Title:** Investigation of ZnO nanotetrapods at different evaporation temperature prepared by thermal-CVD method for OLED applications  
**Author(s):** Azhar, NEA (Azhar, N. E. A.); Shariiffudin, SS (Shariffudin, S. S.); Alrokayan, SAH (Alrokayan, Salman A. H.); Khan, HA (Khan, Haseeb A.); Rusop, M (Rusop, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 302-303 **Published:** 2015  
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**Record 148 of 159**

**Title:** Artificial intelligence technique in solving nano-process parameter optimization problem  
**Author(s):** Norlina, MS (Norlina, M. S.); Diyana, MSN (Diyana, M. S. Nor); Mazidah, P (Mazidah, P.); Rusop, M (Rusop, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 304-305 **Published:** 2015  
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**Record 149 of 159**

**Title:** Sensing properties of nanostructured zinc oxide-based gas sensor fabricated using immersion method  
**Author(s):** Shafura, AK (Shafura, A. K.); Mamat, MH (Mamat, M. H.); Uzer, M (Uzer, M.); Shuhaimi, A (Shuhaimi, A.); Alrokayan, SAH (Alrokayan, Salman A. H.); Khan, HA (Khan, Haseeb A.); Rusop, M (Rusop, M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF

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**Record 150 of 159**

**Title:** The effect of different molarity on TiO<sub>2</sub> solution prepared by sol-gel method

**Author(s):** Affendi, IHH (Affendi, I. H. H.); Sarah, MSP (Sarah, M. S. P.); Alrokayan, SAH (Alrokayan, Salman A. H.); Khan, HA (Khan, Haseeb A.); Rusop, M (Rusop, M.)

**Edited by:** Ghazali MJB; BinAbdollah MF

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**Title:** Performance of TiCN and TiAlN coated twist drills  
**Author(s):** Talib, RJ (Talib, R. J.); Firdaus, SM (Firdaus, S. M.); Ariff, HM (Ariff, H. M.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 310-311 **Published:** 2015  
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**Record 152 of 159**

**Title:** Correlations for roughness, slope and peak height for bead blasted surfaces  
**Author(s):** Wahid, SMS (Wahid, S. M. S.); Madhusudana, CV (Madhusudana, C. V.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 312-313 **Published:** 2015  
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**Record 153 of 159**

**Title:** Recent advances in non-contact metrology, high speed measurement, steep slope measurement and correlation with stylus data  
**Author(s):** Conroy, M (Conroy, M.); Burton, R (Burton, R.); Yu, Y (Yu, Y.); Kumagi, T (Kumagi, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 314-315 **Published:** 2015  
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**Record 154 of 159**

**Title:** Electroless Ni-P-Cu-CuO composite coatings on mildsteel with zwitterionic surfactant  
**Author(s):** Muraliraja, R (Muraliraja, R.); Elansezhian, R (Elansezhian, R.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 316-317 **Published:** 2015  
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**Record 155 of 159**

**Title:** Effects of oil groove location on viscosity profile in hydrodynamic lubrication journal bearing  
**Author(s):** Ahmad, MA (Ahmad, Mohamad Ali); Kasolang, S (Kasolang, Salmiah); Ghani, JA (Ghani, Jaharah A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 318-319 **Published:** 2015  
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**Record 156 of 159**

**Title:** Wear properties of nanoclay filled epoxy polymer  
**Author(s):** Jumahat, A (Jumahat, A.); Talib, AAA (Talib, A. A. A.); Abdullah, A (Abdullah, A.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 320-321 **Published:** 2015  
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**Record 157 of 159**

**Title:** Tool condition monitoring in milling using sensor fusion technique  
**Author(s):** Shankar, S (Shankar, S.); Mohanraj, T (Mohanraj, T.)  
**Edited by:** Ghazali MJB; BinAbdollah MF  
**Source:** PROCEEDINGS OF MALAYSIAN INTERNATIONAL TRIBOLOGY CONFERENCE 2015 **Pages:** 322-323 **Published:** 2015  
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**Record 158 of 159**

**Title:** The effect of titanium dioxide nanoparticles on bio-lubricant film thickness using ultrasonic reflection

**Author(s):** Kasolang, S (Kasolang, S.); Mohamad, NS (Mohamad, N. S.); Bakar, MAA (Bakar, M. A. A.); Jumahat, A (Jumahat, A.); Roselina, NRN (Roselina, N. R. Nik)

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**Record 159 of 159**

**Title:** The development of ceramic fiber via sacrificial method

**Author(s):** Sharmiwati, MS (Sharmiwati, M. S.); Azmiza, Z (Azmiza, Z.); Fazidah, S (Fazidah, S.); Nuraida, MH (Nuraida, M. H.); Roshanizah, H (Roshanizah, H.)

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