



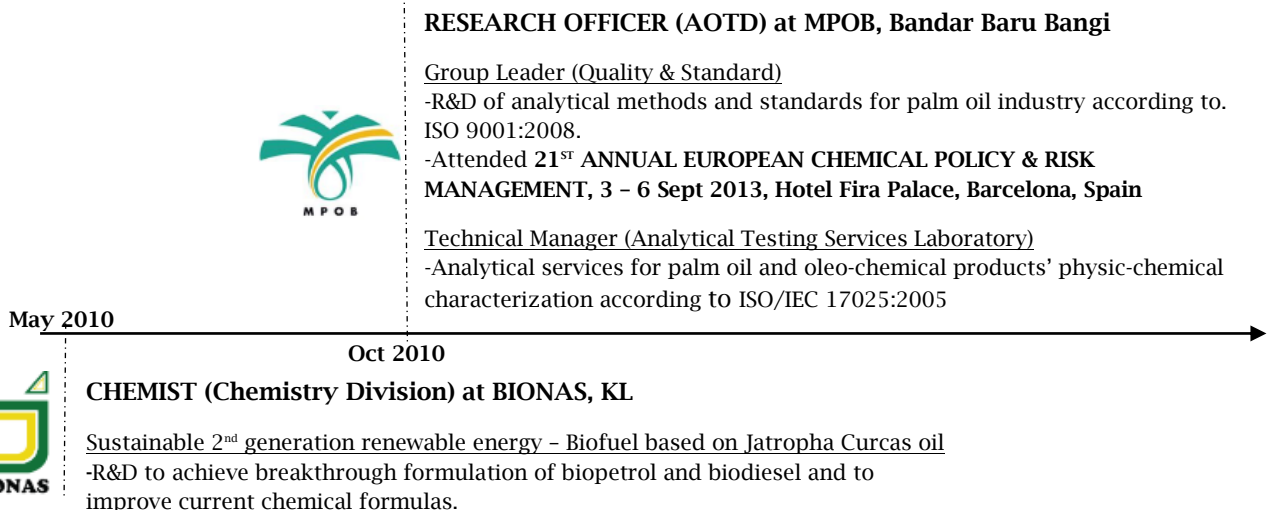
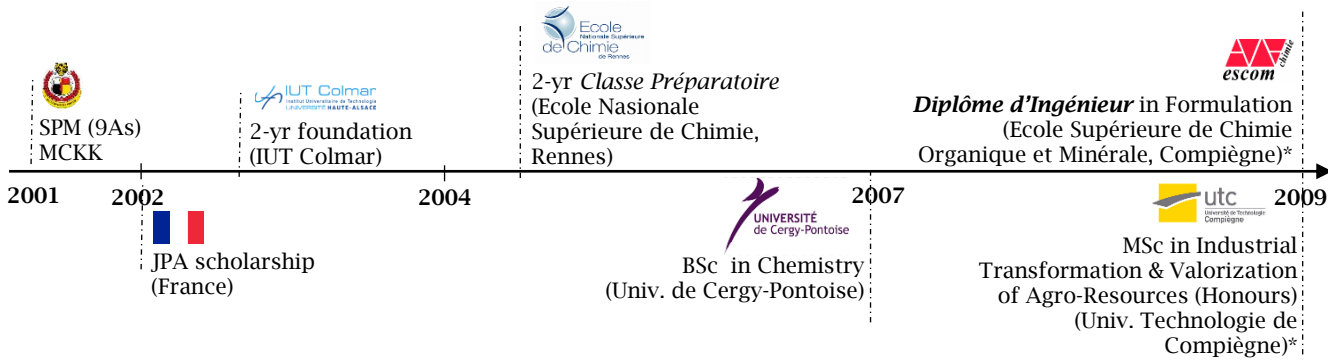
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References

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Advantages

Language

English: Writing Speaking

French: Writing Speaking

IT literacy:

Windows, Microsoft Office & ChemOffice 17.

Sports:

Alpine skiing, snowboarding, football, bowling & ping-pong

Contribution:

Community Treasurer, active members of alumni PreFrance, active member of MCOBA, journal reviewer 2018, panel of UNIMAS industrial advisory 2015

*the two courses were conducted in parallel via collaboration of two universities

- March 2009
6 mths **Applied Physics & Chemistry Division**
Institut Français de Pétrole (IFP), France
- Stability of Crude Oil Emulsions
 ✓ Studies on viscoelastic properties of crude oil/water interface
 ✓ Studies on effects of demulsifier (additives)
 Instrumentation: Tensiometer (KRUSS K100 & TRACKER), Electrical Stability Tester, DSC
- July 2007
2 mths **Processing Division**
Malaysian Palm Oil Board, Bandar Baru Bangi
- Optimization & Maintenance of 4-stage Separation System
 ✓ Evaluation of kernel/shells separation system
 ✓ Optimization of conditions at each separation column
 Instrumentation: Nut cracker & 4-stage winnowing separation system
- June 2006
1 mth **Organic Chemistry Research Laboratory**
Ecole Nationale Supérieure de Chimie de Rennes, France
- Synthesis of Grignard Reagent
 Synthesizing Grignard Reagent & dithiocarboxylate complex

Publications

- 2021 Tuan Ismail, TNM, Ibrahim, NA, Poo Palam, KD, **Mohd Azmil Mohd Noor** et al. Improved dynamic properties of thermoplastic polyurethanes made from co-monomeric polyester polyol soft segments based on azelaic acid. *J Appl Polym Sci.* 138:e50815.
- 2021 Ahmad Hazmi, AS, Maurad, ZA, **Mohd Azmil Mohd Noor**, Nek Mat Din, NSM, Idris, Z. Measurement system analysis on the external standard using an azeotropic mixture of ethylene glycol and detailed uncertainties. *J Sep Sci.* 2021; 44: 1471- 1481.
- 2021 Nur Aainaa Syahirah Ramli; **Mohd Azmil Mohd Noor** and Tuan Noor Maznee Tuan Ismail. Determination of sodium and potassium contents in palm-based polyols using graphite furnace atomic absorption spectrometer. *Chem. Pap.* 75, 2561-2574
- 2020 **Mohd Azmil Mohd Noor**; Musa, H and Ghazali, R. Uncertainty of iodine value determination in palm olein. *Malaysian J. Anal. Sc.*, 24(4): 511-518
- 2020 Tuan Ismail, T N M; Ibrahim, N A; Poo Palam, K D; Sendijarevic, A; Sendijarevic, I; Schiffman, C M; Hoong, S S; **Mohd Azmil Mohd Noor**; Yeong, S K; Idris, Z; Abd Malek, E; Zainuddin, N and Sendijarevic, V. Effect of chain length for dicarboxylic monomeric units of polyester polyols on the morphology, thermal and mechanical properties of thermoplastic urethanes. *J. Am. Oil Chem. Soc.*, 97: 737-749.
- 2020 Zainol Hilmi, N H; Idris, A S; **Mohd Azmil Mohd Noor** and Syed Aripin, S M. A feasibility study on volatile organic compounds profiling of oil palm-Ganoderma infected wood for basal stem rot detection. *Malaysian J. Anal. Sc.*, 24(4): 599-614.
- 2019 Zainol Hilmi, N H; Idris, A S and **Mohd Azmil Mohd Noor**. Headspace solid-phase microextraction gas chromatography-mass spectrometry for the detection of volatile organic compounds released from Ganoderma boninense and oil palm wood. *For. Path.*, DOI: 10.1111/efp.12531
- 2019 Ismail TMNT, Ibrahim NA, Sendijarevic V, Sendijarevic I, Schiffman CM, Hoong SS, **Mohd Azmil Mohd Noor**, Palam KDP, Yeong SK, Idris Z, Abd Malek, E; Zainuddin, N and Sendijarevic, A. Thermal and mechanical properties of thermoplastic urethanes made from crystalline and amorphous azelate polyols. *J. Appl. Polym. Sc.*, DOI: 10.1002/app.47890

- 2018 Ismail TMNT, Ibrahim NA, **Mohd Azmil Mohd Noor**, Hoong SS, Palam KDP, Yeong SK, Idris Z, Schiffman CM, Sendijarevic I, Malek EA, Zainuddin N and Sendijarevic V. Oligomeric Composition of Palm Olein-Based Polyols: The Effect of Nucleophiles, *Eur J Lipid Sci Technol*, DOI: 10.1002/ejlt.201700354.
- 2018 Ismail TMNT, Ibrahim NA, Sendijarevic A, Sendijarevic I, Schiffman CM, Hoong SS, **Mohd Azmil Mohd Noor**, Palam KDP, Yeong SK, Idris Z, Malek EA, Zainuddin N and Sendijarevic V. Oscillatory Structure-property Correlation in Azelate Polyols and Thermoplastic Polyurethanes, *Appl Polym Sci*, DOI: 10.1002/app.46258
- 2018 Ramli NAS, **Mohd Azmil Mohd Noor**, Musa H and Ghazali R. Stability Evaluation of Quality Parameters for Palm Oil Products at Low Temperature Storage, *J Sci Food Agric*, DOI: 10.1002/jsfa.8839
- 2017 **Mohd Azmil Mohd Noor**, Ismail TMNT, Sendijarevic V, Schiffman CM, Sendijarevic I, Ghazali R and Idris Z. Molecular Weight Distribution of Low Molecular Weight Polyols Derived from Fatty Acid Methyl Esters, *J Am Oil Chem Soc* (2017) 94:387-395, DOI: 10.1007/s11746-017-2950-x
- 2016 **Mohd Azmil Mohd Noor**, Sendijarevic V, Hoong SS, Sendijarevic I, Ismail TMNT, Hanzah NA, Noor NM, Palam KDP, Ghazali R and Hassan HA. Molecular Weight Determination of Palm Olein Polyols by Gel Permeation Chromatography Using Polyether Polyols Calibration, *J Am Oil Chem Soc* (2016) 93:721-730, DOI 10.1007/s11746-016-2812-y
- 2016 Idris Z, **Mohd Azmil Mohd Noor**, Yeong SK, Hoong SS, Ismail R and Hassan HA. Influence of pH on the Acylation of L-Hydroxy-proline with Palmitoyl Chloride in an Aqueous Acetone Medium, *J Oil Palm Res* (2015) 27(3):288 - 292
- 2016 Hanzah NA, Ismail TMNT, Noor NM, **Mohd Azmil Mohd Noor**, Srihanum A, Palam KDP, Sattar MN, Yeong SK, Hassan HA, Campara I, Sendijarevic V and Sendijarevic I. Natural Palm Olein Polyol as a Replacement for Polyether Polyols in Viscoelastic Polyurethane Foam, *J Am Oil Chem Soc* (2016) 93:983-993, DOI 10.1007/s11746-016-2832-7
- 2015 **Mohd Azmil Mohd Noor**, Hanzah NA, Ghazali R, Adnan S, Palam KDP, Ismail TMNT and Hassan HA. Determination of Volatile Organic Compounds in Palm-Based Polyurethane Foams Using Static Headspace Gas Chromatography Mass Spectrometer, *J Oil Palm Res* (2015) 27(3):273 - 281
- 2015 **Mohd Azmil Mohd Noor**, Sendijarevic V, Hassan HA, Sendijarevic I, Ismail TMNT, Hoong SS, Hanzah NA and Ghazali R. Polyether Polyols as Calibration Standard for Determination of Molecular Weight Distributions of Polyols by Gel Permeation Chromatography, *Appl Polym Sci* (2015), DOI: 10.1002/APP.42698
- 2015 Idris Z, **Mohd Azmil Mohd Noor**, Yeong SK, Hoong SS, Ismail R and Hassan HA. Influence of pH on the Acylation of L-Hydroxy-proline with Palmitoyl Chloride in an Aqueous Acetone Medium, *J Oil Palm Res* (2015) 27(3):288 - 292

Awards

- 2020 Anugerah Saintis Harapan MPOB
- 2017 Anugerah Perkhidmatan Cemerlang (Anggota Tetap) MPOB