## **CURRICULAR VITAE**

#### MOHD FARID BIN MUHAMAD SAID

Senior Lecturer
Department of Automotive Engineering
Faculty of Mechanical Engineering
Universiti Teknologi Malaysia
81310 UTM Skudai
Johor.

# **Contact Information**

Address : No. 4, Jalan Kebangsaan 17,

Taman Universiti,

81300 Skudai, Johor Darul Takzim.

**Email** : mfarid@fkm.utm.my,

faridrowing@yahoo.com,

### **Personal Particulars**

Age:33 YearsDate of Birth:14 May 1978Gender:MaleRace:MalayMarital Status:MarriedNationality:Malaysian

## **Educational Background**

1 Name of Institution : University of Leicester, UK Year : Oct 2007 - June 2011

Level : PhD

Field of Study : Mechanical Engineering
Specialization : Particle Characterisation

2 Name of Institution : Universiti Teknologi Malaysia Skudai Year : June 2003 – November 2006

Level : Master Degree (by Research)
Field of Study : Mechanical Engineering

Name of Institution : Universiti Teknologi Malaysia Skudai Grade : Second Class Upper

Level : Bachelor's Degree CGPA : 3.25

Field of Study : Mechanical Engineering GPA : 3.75 (Dean Award)

Award : Dean Award 2000 Year : June 1999 – December 2001

4 Name of Institution : Universiti Teknologi Malaysia Jln Semarak Grade : Second Class

Level : Diploma CGPA : 3.31

Field of Study : Mechanical Engineering Year : June 1996 – May 1999

## **Employment Experience**

1 Company Name : Universiti Teknikal Malaysia Melaka (UTeM)

Position : Tutor

Date Attend : September 2006 Date Resign : April 2007

(Move to UTM)

Detail of Position : Conduct tutorial, lab and workshop for the subject of Internal Combustion Engine, Automotive Design and

Fluid Mechanics.

2 Company Name : Virtual-Tech Consulting Sdn. Bhd.

Petaling Jaya, Selangor.

**Position** : Senior Application Engineer

Date Attend: March 2002Date Resign: June 2004<br/>(Further Study)

Detail of Position : Responsible in Virtual Engine Simulation & CAE Coupling Solution using GT-Power and STAR-CD

software.

3 Company Name : Automotive Development Centre,

UTM Skudai, Johor

Position : Research Assistant

Date Attend: December 2001Date Resign: February 2002

(Get New Job)

Detail of Position : Running the test of engine performance. Experiment in fuel consumption of Iswara 1.3 car (on road

testing).

4 Company Name : Automotive Development Centre,

UTM Skudai, Johor

Position : Industrial Trainee

Date Attend : October 2001 Date Resign : December 2001

(Training duration finished)

**Detail of Position** : Learn about cooling and fuel system of engine.

5 Company Name : Linatex Rubber Product Sdn. Bhd.

Batu Caves, Selangor

Position : Assistant Technician

Date Attend : March 1999 Date Resign : May 1999

(Further Study)

**Detail of Position** : Service maintenance of production line.

6 Company Name : Linatex (Malaysia) SDN.BHD.

Batu Caves, Selangor

Position : Industrial Trainee

Date Attend: November 1998Date Resign: March 1999(Training duration finished)

**Detail of Position** : Assemble and service of slurry pump

(Linapump IIIr)

**7 Company Name** : Tractors Auto Components

Seksyen 15, Shah Alam, Selangor

Position : Production Operator

 Date Attend
 : February 1996
 Date Resign
 : June 1996

 (Further Study)

(Further Study)

**Detail of Position** : Assemble of the BMW car engine

#### **Journals Published**

- N. Lad, A. Aroussi, **M.F. Muhamad Said**. *Droplet Size Measurement for Liquid Spray using Digital Image Analysis Technique*. Journal of Applied Sciences, ISSN 1812-5654, 2011.
- A. Aroussi, N. Lad, M.F. Muhamad Said, D. Adebayo, M. Al-Atabi. The Interaction of a Cold Atomised Spray with a Circular Cylinder. Journal of Engineering Science and Technology, vol. 5, pp. 361-372, 2010.
- N. Lad, M.F. Muhamad Said, A. Aroussi, D. Adebayo. Experimental and Computational Characterisation of Atomised Spray Flow Around a Circular Cylinder. Progress in Computational Fluid Dynamics, An International Journal. vol. 10, pp. 232-238, 2010.

#### **Conference Papers Published**

- Norasikin Mat Isa, **M.F. Muhamad Said**, A. Aroussi. *A Particulate Monitor for Carbon Beneficiation Enhancement*. International Symposium on Environment Friendly Energies in Electrical Applications (EFEEA). Ghardaia, Algeria, 2010.
- M.F. Muhamad Said and A. Aroussi. On-Line Measurement of Droplet Size using Digital Imaging Analysis Techniques. The 14th International Symposium on Flow Visualization. Daegu, Korea, 21 ~ 24 June 2010.
- **M.F. Muhamad Said**, A. Aroussi and N. Lad. *Droplet Size Measurement for Liquid Spray using Digital Image Analysis Technique*. The 2<sup>nd</sup> International Conference on Plant Equipment and Reliability (ICPER2010). Kuala Lumpur, 15 ~ 17 June 2010
- A. Aroussi, M. F. Muhamad Said, and N. Lad. The Design of a Spray Characteriser. 4th Algerian Congress of Process Engineering 2009. Algiers, Algeria, 2009.
- M. F. Muhamad Said, N. Lad, and A. Aroussi. *Impingement of a Liquid Spray on a Convex Surface*. 4th Algerian Congress of Process Engineering 2009. Algiers, Algeria, 2009.
- M. F. Muhamad Said and A. Aroussi. An On-Line Particle Characterisation Device. The 3rd International Conference on Mechatronics (ICOM'08). Kuala Lumpur, Malaysia, 2008.
- M. F. Muhamad Said and A. Aroussi. A Non-Intrusive Spray Characteriser. The 4th International Symposium on Hydrocarbons and Chemistry. Ghardaia, Algeria, 2008.
- Azhar Abdul Aziz, Mohd Farid Said, Mohamad Afiq Awang, Mazlan Said. The Effects of Neutralized Palm Oil Methyl Esters (NPOME) on Performance and Emission of a Direct Injection Diesel Engine. Regional Conference on Vehicle Engineering and Technology (RiVET 2006). PWTC, Kuala Lumpur, Malaysia. 3 – 5 July 2006.
- Azhar Abdul Aziz, Mohd Farid Said and Mohamad Afiq Awang, Performance and Emission Evaluations of Palm Oil-Based Biodiesels with Conventional Diesel using Single Cylinder Direct Injection Engine, The 11<sup>th</sup> Small Engine Technology Conference, Bangkok, Thailand, SAE paper 2005-32-0016, October 2005.
- Azhar Abdul Aziz, Mohd Farid Said and Mohamad Afiq Awang, Performance of Palm Oil-Based Biodiesel Fuels in a Single Cylinder Direct Injection Engine, Palm Oil Developments, No. 42, June 2005.
- Azhar Abdul Aziz, Mohd Farid Said and Mohamad Afiq Awang, Laboratory Evaluation of Palm Oil-Based Biodiesel with Conventional Diesel using Single Cylinder Direct Injection Engine, 2004 MPOB National Seminar on Green and Renewable Biofuel, Kuala Lumpur, Malaysia 2004.
- Azhar Abd Aziz, **Mohd Farid Said** & Zulkarnain Latiff, *Single-Cylinder Step Piston Engine Design Using Engine Simulation Software*, CDAJ User's Meeting 2004, Yokohama, Japan, 2004.

### Recognitions

- June 2009: Top 10 for poster presentation at the Festival of Postgraduate Research in University of Leicester, UK (Title: Taming the Droplets)
- July 2009: Selected to represent the University of Leicester in poster presentation at the Vitae's Regional Competition, University of Nottingham, UK (Title: Taming the Droplets)

### **Computer Skills**

AutoCAD, Alias Studio Tools, Matlab, LabView, Fluent, Solidworks, 3D Studio Max, Star-CD, Star-LT, GT-Power, ModeFrontier.

# **Extracurricular Activities**

Sept 2001 : 21<sup>st</sup> SEA GAMES in Rowing, Malaysia (Technical)

Aug 2000 : 5<sup>th</sup> Merlion Rowing Championship, Singapore (Athlete)

July 2000 : 8<sup>th</sup> South East Asian Rowing Championship, K. Lumpur (Athlete)

Oct 1998 : 6<sup>th</sup> South East Asian Rowing Championship, Thailand (Athlete)

Jun 1998 - Dec 1998 : President of Tech's Rowing Club UTM, K. Lumpur

Oct 1997 : 19<sup>th</sup> SEA GAMES in Rowing, Jakarta, Indonesia (Athlete)

# Membership

Members of Society of Automotive Engineers (SAE)

Graduate member of the Board of Engineer, Malaysia.