

# BULLETIN

A monthly bulletin of Advanced Manufacturing and Material Processing & Zecttron Sdn Bhd

Conducting World Class Research

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Issue 31

Welcome to the AMMP CENTRE Bulletin. It keeps you updated on:

- ⇒ Tea Break Session
- ⇒ Academic & Industrial Collaboration
- ⇒ International Participation
- ⇒ Zecttron Sdn. Bhd. Activities

We hope you enjoy reading AMMP CENTRE Bulletin

## Tea Break Session with Head of AMMP Centre

On 27 October 2016, AMMP Centre organized a tea break session for all members and associates members with Prof Dr Mohd Hamdi Abd Shukor. The session started at 9.45am and was attended by 16 members of AMMP from various faculties. The objectives of the session was to discuss AMMP current situation and future planning. From the discussion, AMMP received positive



feedback from the members that helps to improve the ideas and also getting new suggestion in order to help generates fund, new project and there were also discussion on how to get a good postgraduate student from other institutions. AMMP would like to thank all members that came and participated in the discussion.

## Academic Collaboration : AMMP -JWRI

On 26 – 30 September 2016, AMMP research members, Mr Fadzil Jamaludin, Dr.Farazila Yusof and Dr. Ridha Muhammad was invited to conduct a research study in



Japan with Joining Welding Research Institute (JWRI). During the visit, AMMP researchers managed to conduct experiments related to Friction Stir Welding (FSW). It was their 2nd visit

to JWRI this year and we hope their visits were fruitful with anticipation of more opportunities to work with JWRI in the future.

## Industrial Collaboration - Solar Dryer Project with UMK

On 21 October 2016, representatives from Universiti Malaysia Kelantan, Dr.Hafiz Jamaluddin visited AMMP Centre to observe the progress of solar dryer machine. The project is a collaboration project between AMMP Centre, Zecttron and UMK.



## The 3rd Malaysia Oil & Gas Services Exhibition & Conference, 2016

On 28 - 30 September 2016, Zecttron Sdn Bhd participated in the 3rd Malaysia Oil & Gas Services Exhibition & Conference, 2016 in Kuala Lumpur Convention Centre. The exhibition was organized by the Malaysian Oil & Gas Services Council (MOGSC) and supported by PETRONAS, MATRADE and other institutions. About 303 companies and nearly 6000 trade visitors took part in the event. Zecttron Sdn Bhd participated in the event to exhibit the R&D capabilities and potentials of CNC Gantry Machine – under the supervision of Dr. Mohd Sayuti Ab. Karim – in areas that can benefit the oil and gas sector. The event provided a platform for the participants to enhance the image of the company, trademark, quality and services during three days of intense business interaction.



## International Training Participation

AnyLogic 7 Training in Paris : 10-12 October 2016 – AMMP research member, Dr. Siti Nurmaya attended AnyLogic 7 Training at Le Cardinal, Espace Affaires Paris Rive-Gauche. AnyLogic Europe was the organizer of the event and Ilya Grigoryev, Head of Training Services of AnyLogic Europe was the instructor, as well as, the course author. AnyLogic is a multimethod simulation modeling tool developed by AnyLogic Europe (former XJ Technologies). The participants had a great advantage as the organizer included a tour through a large portion of AnyLogic modeling language. In addition, the instructor also explained how to select the right approach and abstraction level. This training had been very useful for new users who wish to rapidly understand the complexities of AnyLogic, and for those who are experienced with AnyLogic using just, say, DE or SD approach.

## SolidWorks and Master CAM Training Course

On 17 - 21 October 2016, a training course on SolidWorks and MasterCAM was held and organized by Zecttron Sdn Bhd at the Industrial Machining Workshop, Sungai Buloh Vocational College (KVSb). This course aimed to expose and teach participants from the vocational college about the importance of computer-aided manufacturing (CAM) and SolidWorks. The training has helped participants to understand and produce mechanical drawings of machine parts, as well as, equipped them with the knowledge on how to operate the CNC. In addition, the participants were able to identify the principal components of the SolidWorks user interface. Lecturers from different vocational colleges such as KV Sg. Buloh, KV Batu Pahat and KV Taiping attended the training and was satisfied with the course.

## International EXPO

### Participation

Manufacturing Solution Expo at Singapore : On 12 – 14 October 2016, Dr. Farazila took part in Manufacturing Solution Expo at Singapore. The event was held at Suntec Convention & Exhibition Centre 1 Raffles Boulevard Singapore. The Singapore Manufacturing Solutions Expo 2016 (MSE2016) is the only exhibition in Singapore that aims to expose the industry's best ideas, innovative technologies and cost effective manufacturing solutions to meet the growing needs of manufacturing companies. Exhibitors were also encouraged to make use of MSE2016 as a platform to market and sell their product to visitors from all over the world.

The AMMP Centre was established in 2002 with the aim of strengthening research activities in advanced manufacturing and material processes. The team has evolved from a small discussion platform of like-minded researchers to a fully operational research and consultation group in University of Malaya. Throughout the years, AMMP Centre has secured substantial research funding and commercialization grants from both local and international sources. In addition, the Centre has completed a number of consultation work with the industry in developing customized apparatus and solutions for their needs.

The AMMP Bulletin is produced periodically. It is distributed among lecturers, students and staff of University Malaya. By following our monthly bulletin, you will be kept up to date with the latest AMMP Centre news and activities. See our website for further details: [ammp.um.edu.my/v2](http://ammp.um.edu.my/v2) or email [ammp@um.edu.my](mailto:ammp@um.edu.my). For research enquiries, please contact Mr. Amir Farhan at 03-7967 7633 or email [amir-farhan17@gmail.com](mailto:amir-farhan17@gmail.com)