

# BULLETIN

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Conducting World Class Research

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Welcome to the AMMP CENTRE Bulletin. This month's issue :

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- ◆ Mathematics in Engineering Research Study Group (MERSG)
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- ◆ Short-Term Research Visit to Japan
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## Prof Dr Mohd Hamdi attended the IC4M 2017



24<sup>th</sup> – 26<sup>th</sup> February 2017, Prof Dr Mohd Hamdi Abd Shukor, head of AMMP Centre, attended the 2017 Second International Conference on Mechanical, Manufacturing, Modeling and Mechatronics (IC4M 2017) in Belgium. The conference took place in University Gent, Campus Kortrijk, Belgium. Prof Dr Mohd Hamdi Abd Shukor was appointed as the Keynote Speaker. The conference aims to be a truly international and excellent forum for both young and experienced researchers to publish their work on a global stage. In addition,

the conference serves as a platform for accomplished researchers to share their experiences with new researchers.

## Mathematics in Engineering Research Study Group (MERSG)

10<sup>th</sup> of March 2017 – AMMP Centre organized a research discussion with Institute of Mathematical Sciences, Faculty of Science, University of Malaya. The event, Mathematics in Engineering Research Study Group (MERSG), was attended by nearly 20 lecturers and students from Institute of Mathematical Sciences and AMMP Centre. The event was held at The Cube Level 2, Faculty Engineering and the agenda included project presentations by three AMMP students and small group discussions to formulate re-

search issues.



## Meeting Research Centers with Rolls Royce Malaysia

16<sup>th</sup> February 2017 – Innovative Technology Research Cluster (ITRC) of Universiti Malaya had a meeting with Rolls Royce Malaysia at the The Cube, Level 2, Faculty of Engineering, University of Malaya. All the research centers under the Faculty of Engineering gave presentations about their expertise, on-going projects and recent activities they participated to the members of Rolls-Royce Malaysia. Contrary to AMPP Centre, Rolls-Royce Malaysia is an engineering company that focuses on power & propulsion systems with core markets being aerospace and marine. Nevertheless, future collaborations with Rolls Royce Malaysia would give AMPP Centre the chance to explore new research fields.



## Visit from MARA University of Technology, Shah Alam (UiTM)

15th March 2017 – Seven researchers from UiTM Shah Alam visited AMMP Centre. The main purpose of the visit was to look for possible collaboration in laser welding and welding simulation. In addition, they had the opportunity to visit AMMP'S laboratory and view the machines in the lab. The visitors were also interested to know about the research work related to EDM. We hope that this meeting will create new ideas and opportunities for both institutions in future research projects.



## Short-Term Research Visit to Japan

8<sup>th</sup> – 15<sup>th</sup> of March 2017 – Dr. Farazila Yusof flew to Japan for a short-term research visit at Hokkaido University of Japan. The program was conducted and sponsored by AUN Seed-Net. The visit aims to enhance research knowledge, as well as, to strengthen research network and collaboration. Dr Farazila Yusof is an expertise on Advanced Materials Joining which includes Laser Welding, Friction Stir Welding, Soldering, and Brazing. From the visit, she had the opportunity to further increase her understanding about the characterization process for non-metal sample (bone). In addition, she has successfully engaged participants of the program and managed to initiate new research collaborators.

## Staff Birthday Celebrations & Farewell to Intern Students

31<sup>st</sup> March 2017 – AMMP Centre celebrated birthdays of the staffs that were born in months of January until April. The simple celebration is held every 4 months to strengthen the bonds between researchers and staffs of AMMP Centre. In this particular celebration, AMMP also took the chance to bid farewell to four internship students that has been with us since last December 2016. The students from Kolej Vokasional Sungai Buloh were involved primarily in manufacturing machines and administration tasks. AMMP wishes the best for their future endeavors and thanks them for their contributions.



The AMMP Centre was established in 2003 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: <http://ammpcentre.com/> 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 [amirfarhan17@gmail.com](mailto:amirfarhan17@gmail.com)