School of Mechanical & Mining Engineering Newsletter
Volume 8, 19 May 2010

Upcoming Events

17 May Release of official semester 2 class timetable to students
9 June AMPAM Workshop
When: 9.00am until 12.00pm
Where: AIBN Seminar Room
Details on page 2
19 June Applications for SSP due to the HoS
28 June Course profiles for semester 2, 1020 will be displayed to students
7 June Blackboard and Wimba session
Three UQ teaching staff will present their current experience in using these in individual courses, or within a school-wide implementation.
When: 9.00am until 11.00am
Where: Abel Smith Lecture Theatre
26 July Semester 2 commences
2 August Course profiles ‘locked down’. After this date we cannot edit the profile

UQ’s New Travel Policy

As most of you are aware, UQ has introduced a new travel policy and electronic form. As a result, the former process and associate form is obsolete. The School’s web site has been amended to include a summary of the procedures to follow, a link to the new form and the School’s Travel Guide. The Travel Guide contains some useful tips and hints on how to complete the travel form and it will be updated as required.

Don’t forget that the form can be reused for your next trip but you will need to change parts of the form that are relevant to the new trip.

The link to this information is at http://www.mechmining.uq.edu.au/?page=117874&s=7c4f167f50146959e62a856142cb66cd (you will need to sign in to view this page)

If you have any questions regarding the form, need one on one or group assistance, please email finance@mechmining.uq.edu.au or contact us by phone.

Please report any problems with the form to finance@mechmining.uq.edu.au as there are a few teething problems with the process that are generally system related.

Graduate School - new location

The UQ Graduate School has moved from the Cumbrae-Stewart building to its new office on Level 6 of the John Hines building (Building 62 – entry through building 69). You can now contact individual Graduate School teams at the following email addresses:

Admissions & Scholarships admissions@gradschool.uq.edu.au
Candidature candidature@gradschool.uq.edu.au
Thesis Exams thesis@gradschool.uq.edu.au
UQ Advantage uqadvantage@gradschool.uq.edu.au (for event & skills training info)

Full contact details are available online: http://www.uq.edu.au/grad-school/contact-us

Repair of photocopiers

So… you broke the photocopier. Please check to see if there is a paper jam. If so, please try to clear it yourself; otherwise, log a job with EAIT Help (helpdesk@eait.uq.edu.au). For all other errors, please let Rose, Deanna or Sally know and log an “FYI job” with EAIT help so they can monitor progress. All high volume print jobs should be done by Print on Demand,
AMPAM Workshop

The Advanced Materials Processing and Manufacturing Centre (AMPAM) is a collaboration between the materials engineering centres that includes:
- ARC Centre of Excellence for Design in Light Metals
- CRC for Polymers
- CRC for Advanced Composite Structures
- CAST CRC
- Defence Materials Technology Centre (DMTC)

AMPAM is supported by the Queensland State Government’s Innovation Building Fund that is facilitating the eventual co-location of the participating centres in the new Advanced Engineering Building. One of the purposes of AMPAM is to encourage the initiation of projects on multi-materials developments such as joining, coatings and the design of multi-materials components that could benefit Queensland manufacturers.

This inaugural workshop is to introduce the work of each of the centres plus two other groups on topics that cover a spectrum of material types and processing methods. Getting to know each other better plus an improved understanding of the breadth of our capabilities may stimulate ideas for new multi-materials projects.

When:        Wednesday 9th June, 9am - 12pm
Where:       AIBN Seminar Room, Ground Floor
Register:    Email Sally Beard (s.beard@uq.edu.au)

Program

9.00am  Welcome, David StJohn
9.10am  Sustainable polymers: degradable polyethylene films for agricultural applications, Peter Halley, Polymers CRC
9.30am  Net or near-net shape forming from metal powders and wires, Ma Qian and Mingxing Zhang, ARC CoE for Design in Light Metals
9.50am  Pathways for industry engagement in manufacturing R&D – Examples from the field of metal cutting, Matt Dargusch, DMTC
10.10am  Lead-free soldering technology, Kazu Nogita
10.30am  Morning tea
11.00am  Advanced forming processes: recent and future research, Paul Meehan
11.20am  Development of integrated piezoceramic transducers for structural health monitoring, Martin Veidt, Advanced Composites CRC
11.40am  Laser assisted machining and self piercing riveting, George Collins, CAST CRC

Concluding remarks, David StJohn

Roombookings

All local room bookings can now be directed to the following email address: roombooking@eait.uq.edu.au

Prior to your request, please check the public folders for availability via Microsoft Outlook (Public folders > EAIT-Rooms > Building > Rooms). If a local room is not available, we will request a room centrally. Further information regarding rooms and specifications can be located at can be located http://bookings.eait.uq.edu.au/?item=65

Summer Research Scholarships

This program offers scholarships to students who are engaged in research internships over the summer vacation period. Students are awarded a $300 per week scholarship for 10 weeks. The scholarship is funded 50% by the Office of Undergraduate Education, and 50% by the student’s supervisor. Further information is available online: http://www.uq.edu.au/study/scholarships/?page=104601

If you are interested in offering a project over, please email enquiries@mechmining.uq.edu.au the:
- Project area (e.g. mechanical)
- name of the project
- a short description of the project
- number available
- name of the main contact for the project

A list of projects will be compiled and advertised to students in early June.

Scholarships

Sir Robert Menzies Memorial Scholarship in Engineering

This scholarship offers Australian students 2011 postgraduate scholarships in engineering for tenure at universities in the UK. For further information, please contact: Menzies@vicnet.net.au or visit the Foundation’s website: http://www.menziesfoundation.org.au/applications/engine_instruct.html

Japanese Government Scholarship (Monbukagakusho)

The Monbukagakusho (Ministry of Education, Culture, Sports, Science and Technology, Government of Japan: MEXT) offers scholarships to Australian nationals who wish to study at Japanese universities under the Japanese Government (MEXT) Scholarship Program. For further information, including the application form, please visit: http://www.au.emb-japan.go.jp/e_web/education/Monbukagakusho.htm
Congratulations to QIF recipients

Out of 9 recipients from UQ, the School secured 4 2010 Queensland International Fellowships! Congratulations to Meng Hou, Yong Wang, Ming Yan and Jin Zou who all received a 2010 Queensland International Fellowship at an award ceremony yesterday.

The objective of the Queensland International Fellowships is to strengthen the State's global knowledge alliances. The program enables Queenslanders to undertake collaborative scientific research or policy development projects at leading international institutions, government agencies and/or private sector research organisations. The program gives at least 12 researchers the opportunity to travel overseas and undertake a high quality, technically feasible and strategically valuable project with a leading international knowledge partner.

L-R: Yong Wang, Jin Zou, Meng Hou, David Mee
(Ming Yan is currently in Japan)