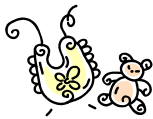




**NEWS FLASH !
Congratulations
to Holly & Adrian
Tootell on the
birth of their 'yet
to be named',
healthy baby girl!**



UOW and Motorola collaborate to research next generation wireless sensor networks

The University of Wollongong announced the signing of an agreement with Motorola, Inc (NYSE:MOT) to conduct joint research in the area of wireless sensor networks (WSNs).

Research activities will be managed by the Director of Wireless Technologies Laboratory, Professor Eryk Dutkiewicz, UOW and at Motorola Labs by project lead engineer, Dr Lance Hester.

WSNs represent next generation wireless technologies that are capable of monitoring and recording physical or environmental conditions at diverse locations. WSNs will have an impact on civilian and military life through such applications as asset tracking, surveillance, utility usage monitoring and building/agricultural control.

The Wireless Technologies Laboratory is located within TITR. The Institute conducts research in the fields of wireless communications, emerging networks, photonics, security, multimedia signal processing and content management, and interactive learning.

A Successful Science and Engineering Challenge 2008!

The Illawarra and South East Science and Engineering Challenge is now a yearly event after last year's success. The Challenge was expanded to two days this year, and coordinated by staff members from our Faculty, the Faculty of Engineering, and the Faculty of Science in collaboration with other organisations such as Rotary and Engineers Australia. We hosted up to 500 students from 16 local high schools.



The Challenge represents a unique opportunity for young people in our community to gain hands-on experience with the creative side of science and engineering in a fun atmosphere. All activities are designed to show students the practical side of careers in science and engineering. The Challenge is aimed mainly at Year 10 students, but schools were welcome to include younger children to make up teams.

Dr. Zengxi (Stephen) Pan is the local coordinator of the Challenge and students, along with the local community, also get a buzz out of it. The Rotary Club of Wollongong and University of Wollongong provide all the volunteer supervisors on the day. This year's Challenge was sponsored by CSC, GIS Global Solutions and Technology, BlueScope Steel, Roads and Traffic Authority.



ICT CAREERS WEEK

As part of National Information Communication Technology (ICT) Careers Week, we hosted an event for students to showcase the extensive and rewarding career opportunities currently available within the ICT industry.

The event included the following:

- A showcase of exciting careers available for ICT graduates;
- An opportunity for guests to hear from UOW graduates working in the ICT industry;
- Information about study opportunities available at UOW; and
- An opportunity for guests to speak to ICT Industry and Faculty representatives.

(left to right)
Ashley Maher (Didymo Designs),
Jim Naumovski (CSC),
David Evans (Andrews Comscope),
Gerard Sutton (VC UOW)
Leanne Banfield (Accenture),
Joe Chicharo (Dean Informatics,
UOW) Philip Evans (Evasncorp),
Philip Ogunbona (Head, Computer
Science and Software Engineering,
UOW).



Scholarship Congratulations

Congratulations to one of SECTE's 3rd year students, Gavin de Hosson. Gavin was awarded the Hatch Scholarship for Electrical Engineering. The Scholarship provides \$10,500 for one year to help meet the costs associated with University study, and includes a work experience placement, to be undertaken at the Wollongong Hatch offices.

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Welcome to our new staff



Tim McDonald
Acting Faculty Officer,
Faculty Office, Bld 3 Room 118



Shannon Rootsey
International Administrator,
Faculty Office, Bld 3, Room 115



Bona Merxhushi,
HOS Administrative Assistant, SCSSSE
Bld 3, Room 222



Michelina Bajjada
Administration Officer, SECTE
Bld 35, Room G36

GETTING OUT THERE !

SECTE has been involved in a number of marketing activities over the past few months. Our objectives are firstly to improve the numbers of first-year enrolments and secondly, to improve the quality of students we are attracting to our degrees. Apart from the traditional opportunities for recruitment (such as the Illawarra and Macarthur Careers Markets and High School Information Evenings, which we have attended with other Faculty representatives), we have been approaching schools (via UniAdvice) to give short presentations about Engineering as a profession. The focus of these visits

has been to encourage Year 10 students to study the harder mathematics subjects, very important in expanding the pool of potential recruits for SECTE (as well as the other Schools in our faculty).



Guess Who?

My favourite author is Adi Shami. I love to eat at Jasmine Rice in Wollongong. My most enjoyable activities during my leisure time are playing Xbox 360 and finding some security problems on the web! My ideal holiday destination is anywhere in Europe, however I have visited some very obscure Castles in Edinburgh! I attended High School in quite a large city, also quite crowded. It was my favourite school—but full of nerds! I own two cats and my previous employment was overseas before I took up position here at UOW—can you guess who I am? (email your best guess through to lynnec@uow.edu.au) Winner will be announced as soon as I have the correct answer!

CONGRATULATIONS :

Professor Joe Chicharo, on his recent appointment as President of the first ever peak body to represent the Information and Communications Technology (ICT) sector across all Australian Universities. Joe was elected President of the Australian Council of Deans of ICT at the inaugural meeting of the new peak body held in Sydney on July 25.

Professor Peter Eklund, Head of Postgraduate Studies of the School of Information Systems and Technology was elected a Fellow of the Australian Computer Society.

Dr Anne Porter who was awarded \$220,000 from the Australian Learning and Teaching Council (formerly Carrick Institute) for her project 'Building leadership capacity for development and sharing of mathematics learning resources across disciplines and universities'.

International Participants for Computer Security Conference



Researchers in computer security and cryptography participated in the 13th Australasian Conference on Information Security and Privacy (ACISP 2008) held at the University of Wollongong in July.

ACISP 2008 is organised by the Centre for Computer and Information Security Research (CCISR). The CCISR works within the parameters of the School of Computer Science and Software Engineering. The conference was opened by the Acting Dean of the Faculty, Associate Professor Graham Williams.

There were worldwide participants in the conference with three featured speakers: Dr Xavier Boyen from Voltage (USA); Professor Josef Pieprzyk from Macquarie University; and Mr Nigel Phair from the Australian High Tech Crime Centre (Canberra) and UOW's Centre for Transnational Crime Prevention

Program chairs for the conference were A/Prof Willy Susilo and A/Prof Yi Mu with the general chair, Prof Jennifer Seberry. The proceedings of the conference will be published by Springer-Verlag, Berlin, in their Lecture Notes in Computer Science series.

Congratulations to Masitsa Naomi Shiyonga, our Master of Health Informatics student, who has graduated with Distinction. After a tumultuous year which truly tested the strength of any human being she made it through, and is going home in a few weeks' time. She has been supported by many people, both here at UOW, and in the community for which she is tremendously grateful and without whom she could not have overcome the adversity she experienced. She is currently working in Australia for a few weeks, which is also giving her new experiences to take back home.



Call for Papers—Third Workshop on the Social Implications of National Security See website for details:

<http://www.uow.edu.au/~katina/rnsa08.htm>
http://www.safeguardingaustraliasummit.org.au/2008/_2008SocialImplications.html
<http://www.safeguardingaustraliasummit.org.au/index.html>

Special Issue on Radio Frequency Identification and Supply Chain Management

By Tim Coltman, Rajit Gadh, Katina Michael
In the Journal of Theoretical and Applied Electronic Commerce Research (JTAER) <http://www.jtaer.com/>, Vol 3, Issue 1, 2008, Contributions by Mr Samuel Fosso Wamba, and Mr Albert Munoz of SISAT
Special Issue on Advanced Location Based Services
By Miguel Labrador, Katina Michael, Axel Küpper
In Computer Communications, Elsevier Press <http://www.science-direct.com/science/journal/01403664>
<http://portal.acm.org/citation.cfm?id=1354947.1355190&coll=GUIDE&dl=GUIDE>
Vol. 31, Issue 6, 2008

This special issue contained contributions by quite a few members of Faculty of Informatics (IP Location Based Services Program) including: Mr Adam Muhlbauer (SCSE Student), Nicholas Sheppard (SCSSSE researcher), Prof Rei Safavi Naini (now in Canada) Mr Martin Dawson (Andrew Corporation and fellow collaborator on IP Location Based Services Program) Dr MG Michael (honorary fellow) and Sarah Fusco (SISAT student)