

Geo-soundings

NEWSLETTER - DECEMBER 2000

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CONFERENCES

2000 AAPG International Conference & Exhibition

Four members of staff attended the AAPG Conference held in Bali, Indonesia from 15-18 October. The following papers were presented:

Evans, B.J., Walton, C., Urosevic, M., and Dodds, K., 2000, The detection of stress using 3-D seismic data: 2000 AAPG International Conference & Exhibition, American Association of Petroleum Geologists, Abstracts & Presentations, A26.

Nakanishi, S., Evans, B.J., and Dodds, K.J., 2000, Feasibility study of seismic-while-drilling using hammer drilling technology: 2000 AAPG International Conference & Exhibition, American Association of Petroleum Geologists, Abstracts & Presentations, A64.

Sherlock, D.H., Evans, B.J., and McKenna, J., 2000, Fluid flow monitoring with seismic physical models: 2000 AAPG International Conference & Exhibition, American Association of Petroleum Geologists, Abstracts & Presentations, A82.

Urosevic, M., Brajanovski, M., and McDonald, J.A., 2000, Reservoir imaging in a carbonate environment: P and S-Waves: 2000 AAPG International Conference & Exhibition, American Association of Petroleum Geologists, Abstracts & Presentations, A98.

Urosevic, M., Evans, B.J., and Cocker, J.D., 2000, The prediction of sweet-spots using 2-D seismic data: 2000 AAPG International Conference & Exhibition, American Association of Petroleum Geologists, Abstracts & Presentations, A98-A99.



at the AAPG Conference

John McDonald, Norm Uren and Thomas Gabler



photographed outside the CSIRO booth at the AAPG Conference

JOURNAL PUBLICATION

Okoye, P., and Uren, N.F., 2000, Fresnel zones and spatial resolution for P- and SH- waves in transversely isotropic media: *Geophysics*, **65**, 1168-1178.

Waluyo and John McDonald – co-chairs of session

HAYDN WILLIAMS FELLOW

This Department is privileged to be hosting the 2001 Haydn Williams Fellow, **Dr Bill French**. Dr French is a distinguished research scientist who has risen to very high positions in the oil contracting industry. He headed a team at Gulf Oil which culminated in recording, processing and interpreting the world's first modern marine 3D seismic survey. This eventually led to him being elected President of the international Society of Exploration Geophysicists.

FIELD TRIPS

The annual Project 390 field trip this year was sponsored by Centaur Mining and Exploration. Paul Wilkes, Anton Kepic and Dominic Howman took the third year students to Ora Banda. The work program involved investigating the geophysical response of the earth around the Zeluka shear zone to help define the location of gold. Despite areas with names like "Carnage" the work was very successful. Students got to see first hand a small working gold mine that was in the middle of the area they worked. Another of the highlights for students was the annual Ora Banda race day.



Students and Staff at Ora Banda Hotel

GRADUATION DINNER

The annual Graduation Dinner was once again held at the Mt Henry Tavern in Como on Thursday 23 November. About 30 people enjoyed a two course meal, some good wine and conversation with staff and students. Cedric-Alexander, the baby son of Gerard Laurent, also joined in the celebrations.



Students and Staff enjoying the Graduation Dinner

GRANTS & AWARDS

Congratulations to members of staff who have received the following grants and awards:

SPIRT Grants

Anton Kepic on being awarded a 2001 ARC Strategic Partnership with Industry Research and Training Scheme Grant (SPIRT). Funding of \$22,292 per year over a period of three years will be received. The industry partner is MIM Exploration.

Greg Street on being awarded a SPIRT grant to investigate the relationship between terrain conductivity, environmental

data and salt storage in landscapes prone to dry land salinity. Funding of \$22,292 per year for 3 years.

Industry Partners:

Farm Map Consulting Pty Ltd
Tesla 10 Pty Ltd

MERIWA Award

Patrick Okoye and Milovan Urosevic received funding from MERIWA for two years research as follows:

Using seismic anisotropy to characterise seal and reservoir properties in the North West Shelf of WA

Adjunct Associate Professor Chris Juhlin will visit Curtin in January 2001 and stay for 4 months. He will be working with Patrick and Milovan on scientific problems related to the MERIWA grant.

SCHOLARSHIP & PRIZE WINNERS

CSIRO Student Evenings Best Paper Awards

Congratulations to the following students who won the Best Presentation Awards for the ASEG Student Nights held in October:

Jodie Crystal (Minerals)

Geophysical case history of the Brockman Creek Kimberlite dyke, Marble Bar) and

Trang Nguyen (Petroleum)

The recovery of elastic parameters for lithology from multi-offset VSP data)

The prizes will be presented to Jodie and Trang at the forthcoming ASEG Annual General Meeting to be held on the 7th December.

ADJUNCT APPOINTMENTS

The following adjunct appointments have been made in the Department during the last quarter:

Chris Juhlin

Adjunct Associate Professor from 01/11/00 to 31/10/05

Patrick Okoye

Adjunct Associate Professor from 02/10/00 to 01/10/05.

Djoko Santoso

Adjunct Professor from 01/01/00 to 31/12/05

Michael Schoenberg

Adjunct Professor from 03/07/00 to 02/07/05

BABY NEWS

Congratulations to:

Gerard and Sharon on the birth of a son **Cedric-Alexander Brummel Laurent** on 20 September 2000.

Roger and Ruiping on the birth of a daughter, **Joanne Luo**, born on 23 October 2000.

Patrick and Sally on the birth of a son **Obi Patrick Okoye** on 19 October 2000.

It's been a very productive semester!!

Seasons Greetings and Happy New Year

to all our readers