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"I intend to ensure that several of my technicians are enrolled and challenge all Laboratory managers to do the same"

Issue 011, December 2010

From the Chair...

Update from the Chair – 15/12/10

2010 has been a big year for CETANZ. Another CETANZ conference has been and gone with his year's event held at The Edge, Aotea centre on September the 23rd and 24th. The two day conference was well attended by over a hundred delegates from Australian, New Zealand and Fiji and we had over 20 papers on topics ranging from Dynamic Probe Theory to Scala Penetrometer Uncertainties.

The two keynote speakers, Terry Kayes and Jeremy Sole talked about leadership and how we should all think of ourselves as leaders no matter what our roles might be. This set a great platform for the theme and the launch of our qualification

The theme for the conference was "Careering Ahead" and CETANZ, along with InfraTrain, launched the new qualification for the Civil Engineering Testing industry and outlined how it will work and its structure. The qualification will allow technicians to train while they work and its content will focus solely on the core knowledge and skills civil technicians need. I intend to ensure that several of my technicians are enrolled and challenge all Laboratory Managers to do the same.

We also got to see the final cut of the "Just the Job" DVD that showcased our industry as a possible career choice for school leavers. That particular episode went to air shortly before the conference. Thanks to all those rising star actors and actresses that volunteered their time for the shoot.

The AGM was held and the new committee elected. At the time this article goes to press the working groups would have been formed and held their first meeting. I have asked the groups to reflect on the conference and the feedback received from the attendees when setting their goals for the next 12 months.

The key items of feedback were:

- Sell/Promote Qualification
- Creation of a travel grant or award
- Survey customer industries
- Investigate full subsidy of proficiency
- Make newsletter available on line for all
- Keep sub's low
- More regional activities
- Investigate possible salary survey
- More proficiency schemes
- Partnership with similar Australian or overseas organizations



From the Chair continued

The new committee as it stands:

Brigitte Sargent (Geotechnics) as Management Secretary
David Morgan (Winstone Aggregates Auckland)
Frank Hu (Downers Auckland)
Grant Bosma (Fulton Hogan Nelson)
Jennie Dingley (Geotest)
Michael McGlynn (Geotechnics)
Murray Cleveland (TestLab)
Paul Burton (Geotechnics)
Sarah Amore (OPUS Laboratory Hamilton))
Steve McCone (Bitumen and Pavement Ltd)
Wayne Campton (Babbage Geotechnical Laboratory)
Jayden Ellis (Stevenson Laboratory & Technical Services Ltd)
Steven Anderson (Geotechnics Laboratory Auckland)

Outgoing committee members:

Graham Dusky (Coffey Information)
Stuart Moulding (Civil Train)
Eric Paton (Fulton Hogan)

I would like to thank the outgoing members for their dedication and commitment to the CETANZ organisation. We couldn't have achieved the success we've had without your input.

CETANZ has come a long way since its inception in 2006; we have a long road ahead and many ambitious initiatives to complete. I look forward to working with the committee and the membership and wish you all a very merry Christmas and a happy new year. See you in the New Year!

Jayden Ellis

Chair of CETANZ



From the immediate past chair.....

Ironically one of the key achievements that our committee has achieved whilst I was at the helm was the development of a new qualification to be promoted on TV2 on September 4th 2010. The promotion of our qualification on television was the icing on the cake of this initiative that would see me retire from the role of Chair of CETANZ. I had prepared a list of work and personal items I would work on as my time on CETANZ 'matters' reduced.

As we all know, the very same day that we were to see our keen 'actors and actresses' in all their pixelated glory, the airwaves were filled with the news of the Darfield earthquake. Our thoughts are with all the people of Christchurch and the surrounding region as they recover from their losses and move ahead. Shortly after, my involvement in the area wide remedial site investigations ballooned and my list got postponed. I am sure our qualification will not suffer and I look forward to its official launch early next year with DVDs being distributed to schools and colleges.

Our industry is a great place to work and we can see that by the efforts of our committee and members to get CETANZ to where it is today. I have been very fortunate to be afforded the role of Chair and equally fortunate to have been encouraged by the committee members I have worked with over the last 4 years. I must express my deepest gratitude for all our supporters no matter how small your contributions, we have come a long way.

I am by no means retiring from my involvement with CETANZ just passing on the Chair role to Jayden who will in turn pass it on for our future generations. The achievements of our organisation have been fast and focused and I look forward to seeing how CETANZ can develop our industry for all stakeholders for the benefit of our workplace, our community and our country.

All the best wishes for the coming break.

Paul Burton

Immediate Past Chair of CETANZ



***“Our industry
is a great place
to work and we
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our committee
and members
to get CETANZ
to where it is
today”***



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CETANZ Travel Grant Award

“The winning author will be required to present at the AGTA conference in Brisbane, March 2011”

The CETANZ management committee are pleased to offer the opportunity for 1 fully paid current CETANZ member to attend the AGTA conference in Australia.

General:

To apply you must submit a paper which covers any topic associated with civil engineering materials testing. The winning author will be required to present at the AGTA conference in Brisbane, March 2011. Papers submitted need to meet the criteria as per conditions set out in earlier email. Please contact us if you require more information.

The winner will attend the Conference, present their paper and provide a written report of the conference, detailing their experience/learning's. Award winners are also required to present their paper at a local regional CETANZ meeting in the year of the award. CETANZ will be given rights to publish the paper on their website and in other suitable publications.

Selection:

A judging committee consisting of 2 members of the CETANZ management committee and 2 senior civil engineering testing professionals (as selected by the CETANZ Management Committee) will review all papers and vote on the winning paper. The winning paper will be voted on according to Content, originality (i.e. a paper that has not been submitted before is preferable), Best match to the AGTA theme. If on the occasion only one paper is received, the submission will still undergo the selection process listed above. CETANZ reserves the right to defer the prize and re-advertise for entries to a later alternative conference should the Judging panel consider the entries to be unsuitable.

Presentation:

“The award is to the value of up to \$2,000.”

The winner of the award will be announced by email and in the CETANewZ

Presentation of a certificate will be made at a convenient location by the CETANZ Chair or his representative.

Value of Award:

The award is to the value of up to \$2,000. It is to be used only for the reimbursement of expenses in attending the AGTA Brisbane 2011. Acceptable expenses included in the reimbursement are: registration, airfares and associated taxes and accommodation for the duration of the conference. Reimbursement will take place upon acceptance of receipts by the CETANZ Management Committee.

Submission:

Papers must be submitted to info@cetanz.org.nz by 8th February 2011.

Any queries please email to info@cetanz.org.nz

Best of Luck!!!!

The CETANZ committee

“The winner of the award will be announced by email and in the CETANewZ”

From the working groups | Social Activities, Careers and Training

Last Meeting 30th September 2010

Next Meeting 16 February 2010

Social Activities, Careers and Training Group Members

Jennie Dingley— Envirolab Geotest—Group Leader
 Jayden Ellis— Stevenson Laboratory
 Brigitte Sargent— Geotechnics
 Sarah Amooore—Opus Hamilton
 Michael McGlynn—Geotechnics
 Murray Cleveland—Testlab

Once again, CETANZ has organised a successful conference, where lots of interesting papers were presented and many wonderful people attended. I am sure that all those who attended enjoyed the both technical and social aspects of the conference. Thanks go to the conference organising committee, in particular, Michael McGlynn for convening the conference and John Walker for organising all the fiddly behind-the-scenes stuff.

At the CETANZ Management Committee meeting held at the end of October, the decision was made to merge the Careers and Training with the Society Activities working groups. The reasoning behind this is because much of the work that now needs to be carried out for the Careers and Training working group is promotion of the newly launched, soon to be commenced, technician qualifications. Promotion of these qualifications needs to be done at a regional level, so that schools, tertiary institutions and laboratories alike can ask questions and get a feel for the qualifications. This ties in nicely with the need for regional events for members and the opportunity to socialise with people from other laboratories in the same location.

The new look Careers and Training/Society Activities working group is now composed of: Sarah Amooore, Michael McGlynn, Brigitte Sargent, Murray Cleveland, and Jennie Dingley (working group leader), with assistance from Paul Burton and Jayden Ellis.

Many thanks goes to the immediate past members of both the Careers and Training working group and the Society Activities working group for their assistance over the last two (or more) years. In the future, there will be the need to co-opt additional members to this working group, especially to help organise the next CETANZ conference in 2012!

The Careers and Training/Society Activities working group met at the end of November and have compiled a list of short to medium-term goals. These goals are:

Travel Grant/Award to the AGTA conference in March 2011

- Promotion of the technician qualifications in schools, tertiary institutions and laboratories
- Hold at least 4 regional activities nationwide per year
- Provide subsidised training to members
- CETANZ Conference 2012

At the November meeting, the working group also divided New Zealand into some fairly broad regions and assigned a working group member to assist setting up regional activities for the area:

Christchurch— Michael McGlynn
 Nelson/Wellington— Brigitte Sargent
 Waikato/Bay of Plenty— Sarah Amooore
 Auckland— Jennie Dingley
 Northland— Brigitte Sargent

We will be asking for assistance from members within these regions to help organise events, so if you are tapped on the shoulder, please help out.

Well, I think that is enough from me for the time being. I look forward to updating the Careers and Training/Society Activities working group progress in the next CETANewZ.

Best wishes for the holiday season and I hope you all have a well deserved break!

Jennie Dingley

CETANZ 2010 “Careering Ahead”

Written for the NZ Geomechanics NEWS December 2010 Issue

CETANZ (Civil Engineering Testing Association of New Zealand) held its second biennial conference at the Edge Events centre on the 23rd and 24th of September.

The theme of the event was “Careering Ahead” which reflected the launch of the civil engineering lab technician level 4 and 5 qualification. Infratrains along with the CETANZ committee had been busy, amongst other things, for the two years prior to the event creating a structure and programme providing a career pathway for civil laboratory staff. The theme was created as a play on words from the inaugural conference in 2008, The Road Ahead and for a young society we have certainly come a long way in a short period of time.

The event was a huge success and had many excellent presenters from varying industries including civil laboratory staff, engineers and scientists. Amongst the fantastic range of papers, there were many topical and informative presentations including, A review of volcanic hazard and risk in Auckland presented by Dr Jan Lindsay of the University of Auckland, Engineering geology and debris flow hazards at Matata by Annette O’Leary of AECOM and Mix design testing by Thorsten Frobel of Fulton Hogan. Max Cope formerly of Geotek Services and Steven Cooke of Opus International gave presentations on the much debated scale penetrometer and Sean Bearsley of Higgins presented on the design and analysis of proficiency trials to name but a few.

Keynote speakers, Terry Kayes from Kayes Consulting and Jeremy Sole, CEO of the New Zealand Contractors Federation provided excellent insight into learning and leadership which laid the platform for the launch of the qualification.

The conference concluded with a panel session where the delegates could discuss the direction they would like to see the new committee take and also provide feedback on what had been achieved. The membership and delegates congratulated CETANZ on its achievements and suggested that future strategies focus on promotion of the new qualification, creation of a scholarship or award/travel grant for young presenters, making the newsletter available on the website, survey of our industry customer base, continued proficiency program and forming a stronger relationship with our Australian counterparts.

Conference MC, Bruce Hopkins provided great flow to the conference proceedings and he created an inclusive atmosphere which was enjoyed by all.

The conference dinner at the Hilton Hotel on Auckland’s Viaduct Harbour and was well attended by the delegates who came from all over New Zealand and as far afield as Australia and Fiji. The current CETANZ chairman, Paul Burton handed over the reins (presented as a scale on a chain in pendant style) to the new chair, Jayden Ellis. Gary Bentley of Opus also took the time to tell a few jokes after the act of Les and Des as the evening’s entertainment..

The event was particularly successful thanks to our sponsors InfraTrain New Zealand, Stevenson, IANZ, OPUS, Geotest, Perry Drilling, Drillforce, Civiltrain, New Zealand Geotechnical Society Inc, Geotechnics and The Measurement & Calibration Centre. The professional and organisational skills of John Walker of the Auckland University Centre for Continuing Education for organising the event were first class and played a major part in the success of the conference.

A massive thanks to the outgoing committee members and a big welcome to the new members for the next term and we look forward to providing a bigger and better event in 2012. Please visit www.cetanz.org.nz for information on the society including membership application, upcoming events, technical publications and training/careers news.

Conference Convenor
Michael McGlynn

From the working groups | Technical Group

Last Meeting 24th November 2010

Next Meeting 23rd February 2011

Update from the CETANZ Technical Group 15/12/2010

The first post AGM meeting of the Technical Group was hosted by Frank Hu at the Downer office in Penrose on the 24th of November.

Jayden Ellis was re-elected as leader of the group and several new members were welcomed.

Current Technical Group Members

Jayden Ellis – Stevenson Laboratory

Stevens Anderson – Geotechnics Laboratory Ltd

Frank Hu - Downer EDI

Sarah Amoore - OPUS Hamilton.

Wayne Campton- Babbage

Keith Towl – IANZ (Observer)

New Technical Group Members

David Morgan from Winstone Aggregates

Grant Bosma from Fulton Hogan

Steve McCone from Bitumen and Pavement.

Departing members - Cheryl Bycroft from Downer

The new group discussed the feedback from the conference and will look at incorporating these into the short and long-term goals for the group.

The main feedback relevant to the technical group being:

Investigate option to fully subsidised proficiency.

Continue work on standards review with RTSSG.

Continue to carry out proficiency schemes.

Raise new technology awareness.

In the coming months the group will work on completing the last proficiency schemes for 2010 (Sand Equivalent and Plasticity of Soil), producing a new proficiency program, get technical group budget sign off, close out the scala tip dimensions and calibration issues, roll out the uncertainty tool, identify a resource to provide analysis for proficiency and review cost, hold technical road show events in tandem with the social activities group, continue with the commitment to the Roading Testing Standards Group (RTSSG) and the National Pavements Technical Group (NZ PTG). We also will continue to provide technical support to the membership and provide representation on any testing related issues or reviews of specifications and best practice.

Jayden Ellis

CETANZ Technical Group Leader

jse@stevensons.co.nz

info@cetanz.org.nz

CETANZ 2010 Careering Ahead





Member Profiles—Gareth Tait | Opus Laboratory*Who do you work for and what is your role?*

Opus Laboratory Hamilton - Senior Geotechnical Instrumentation Geologist

Being a member of CETANZ, how does it benefit you?

I can get drunk at conferences

What is the best piece of advice you have ever been given?

“ If you want something done, do it yourself”

What are you doing for Christmas?

Family time in Gisborne, beers, sun and lots of food!

Do you have a new years resolution?

Not to answer anymore CETANZ questions after work hours!

**Member Profiles—Anthony Van Den Engel | Downer Lab***Who do you work for and what is your role?*

Downer Laboratory Christchurch—Senior Laboratory Technician

Being a member of CETANZ, how does it benefit you?

Keeping up to date with innovations and interlab tests, the technical working group is very interesting and very helpful.

What is the best piece of advice you have ever been given?

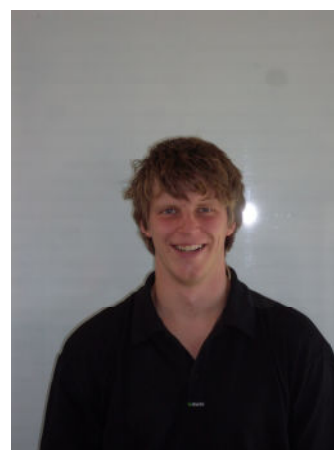
“Life is not always fair so get used to it”

What are you doing for Christmas?

We are having Christmas with my wife's family in Christchurch and then we are heading up to Hamilton to see my family, lots of BBQs and hopefully get some water skiing in!

Do you have a new years resolution?

Save for and buy a house in Christchurch



Breaking News! — Not without my blow-dryer!



Lori Broady, right, who says she is addicted to sleeping with her blow dryer, stands with her sister, Tawni Abplanalp.

Joan Raymond writes: Most of us use our hair dryers to, well, dry our hair. But Lori Broady, 31, turns the dryer on, sticks it in her bed, and falls asleep to the soothing sound of hot air. She's been doing this every night since she was 8 years old, despite knowing she may burn herself or start a fire. This, of course, raises the question: Why doesn't she just buy a fan if she needs a little noise to fall asleep? Turns out, it's not that simple.

Broady appears on the new TLC 12-part series, "My Strange Addiction," which premieres Dec. 29 at 9 p.m. Also featured are folks with other extreme behaviors like thumb sucking, toilet paper eating, "tanorexia" and even a guy in a relationship with a silicone doll.

What's clear is that it's not easy being human. And unlike some creatures that simply run in circles to self-soothe (if you've ever owned a Jack Russell Terrier, you know what I mean) humans can be very creative in our attempts to control our lives and relieve stress. "Nothing (people do) surprises me," says psychologist Jason Elias, Ph.D., director of psychological services and clinical research at McLean Hospital's OCD Institute.

You don't need to be a Freudian scholar to know that some of these seemingly odd behaviors have a lot to do with early childhood experiences and other factors that may make a person associate a behavior or object as pleasurable. But no matter what your addiction -- heroin, cheeseburgers or silicone dolls -- "the biology is the same," with the brain releasing a little squirt of dopamine in anticipation of the reward, explains psychoanalyst Mike Dow, co-host of TLC's "Freaky Eaters." The more a person begins to associate pleasure with a specific behavior, the more they want. Self-soothing is a problem -- and can even be considered an addiction -- when it's self-injurious, affects relationships and interferes with a person's ability to function.

It's important to remember that self-soothing strategies, of the non-extreme variety, are actually pretty common. So the next time you're in a meeting, look around and see if your colleagues are twirling their hair, clicking a pen, or rubbing a pant leg (hopefully their own). All of these behaviors are self-soothing, says Elias, "but we consider them more acceptable than sucking

http://bodyodd.msnbc.msn.com/_news/2010/12/17/5670822-not-without-my-blow-dryer-reality-show-uncovers-strange-addictions

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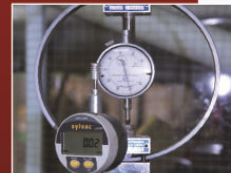
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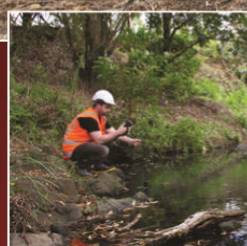
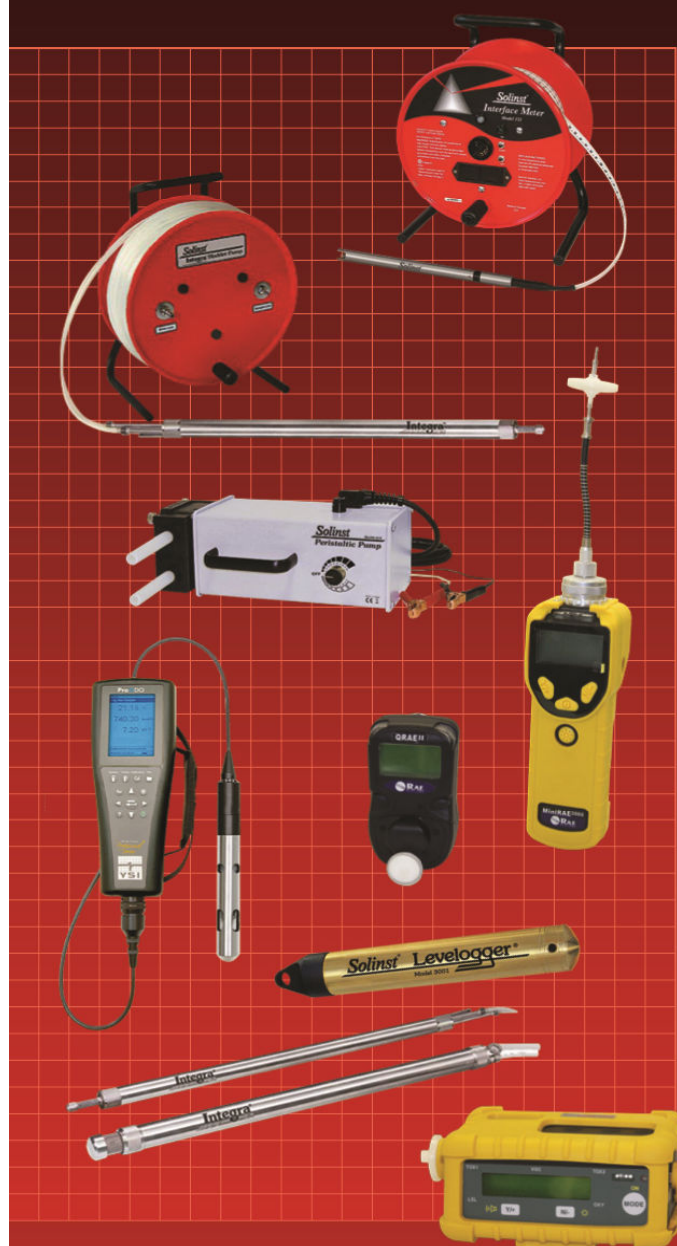
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SuDoku

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Crossword Answers

Across: cryptic, kahikatea, andesite, marshall, subgrade, tui, tsunami, Richter, Brock, bearing, smectite, wok, beehive, subduction, pohutakawa

Down: crossword, Hamilton, liquefaction, syrah