All three projects achieved high marks. The winner in the technical excellence category was the Buitengracht Pedestrian Bridge, which achieved a remarkable 86.4%, with the runner up the Demolition of the APS Cooling Towers obtaining a very creditable 78%. The community-based category was won by the only entry – MR172 through Pniel which achieved 80% (the combined "marks" of the adjudication panel and those present at the presentation session). The Branch supports the entry of all three projects in the National Awards Competition.

Our very first Double-Header Branch Meeting was held on the 22 June 2011 at CPUT. Our first presenter, Justin Coetzee offered a very interesting presentation on the future of engineering “2025: The Age of the iGeneers.” Justin’s talk, well researched and presented on the day explored the challenges and triumphs we can expect to experience as the next generation of engineers, and a vision of what the future of engineering could be like in 2025.

Our second speaker, Sam Amod, who was instrumental in 2006 when SAICE released the first ever Infrastructure Report Card on the state of engineering infrastructure in South Africa, presented the 2011 Report Card as an up to date assessment of infrastructure in South Africa. The report highlighted “the observations of the professionals responsible for the planning, construction, operation and maintenance of our nation’s life support system”. Overall it gave the nation’s infrastructure a D+ grade. Sam Amod, SAICE 2006 President is the Convener of the 2011 SAICE Infrastructure Report Card. It was evident that the 2010 Soccer World Cup Infrastructure might have skewed the comparative results greatly advocating very little dilapidation of infrastructure as a whole over the past 5 years.

UPCOMING EVENTS
The remaining activities scheduled for this year are:
Wed, 4 Aug SAICE UCT COCKTAIL EVENING
Wed, 17 Aug Branch Lecture
Wed, 5 Oct Annual Branch Dinner
Wed, 19 Oct Snape Memorial Lecture
Wed, 16 Nov AGM

SAICE UCT COCKTAIL EVENING – 4 AUGUST 2011
Presenter: Various
Time: 18h00 for 18h30
Venue: UCT, Jameson Hall

The SAICE UCT Student Chapter Cocktail Evening provides a great opportunity for students to meet prospective employers and seek out internships or bursaries. Similarly, companies in attendance are given an opportunity to market themselves to students. The UCT Student Chapter would like to request your support at this year’s Cocktail Evening’s. Your support will be well received by all the students and civil engineering companies that will be in attendance.

For any enquiries, please feel free to contact the SAICE UCT Student Chapter Events Manager, Ms. Katelyn Murphy at m&pkat004@uct.ac.za or 084 559 2168.

BRANCH LECTURE – 17 August 2011
Time: 17h00 for 17h30 until 19h30
Venue: Athenaeum, Newlands

This will be a Double-Header event - two speakers:

Topic 1: Gautrain: Overview and Lessons Learned
Presenter: William Dachs
William Dachs who was Head and is Founder member of PPP Unit in National Treasury. Prior to joining the Gautrain Management Agency will talk about anything and everything (well almost!) about the Gautrain Project. The Gautrain Rapid Link along with Nelson Mandela Children’s Hospital, The Project Mthombo and Neotel are Africa’s Contribution in Infrastructure 100 with the Gautrain in particular (while running against a project like the Dubai Metro Project, which was quite impressive in its scale) chosen for its greater potential to transform regional mobility.

Topic 2: See Advertisement Below!

FROM THE EDITOR
Many are active behind the scenes. Please show them your appreciation by attending the branch meetings.

Secretary Heath Webb has successfully facilitated our own small website for the Branch. Perhaps this will help those who’ve lost their newsletters to keep up to date on forthcoming meetings.

The New Infrastructure Report Card was launched in April this year and although the Economy improves, property prices still decline. South Africa Power is no longer cheapest, being replaced by Canada as the cheapest provider due to the high tariff increases that the National Energy Regulator of SA (NERSA) granted Eskom. It is also official that AppleMac has more cash than the US Government.

Here is some of our news to keep you up to date with the branch:

THE BRANCH BUZZZZZZING
What you may have missed –

The schools water competition was held in the recently upgraded Liberty Promenade Mall in Mitchell’s Plain on 14 May. Vast crowds of people walking past and quite a few new schools in evidence after a lot of hard work by Quinten. On the day, the introduction by Prof Van Zyl – to whom our thanks – and Abdulla Parker and Alice Chang much in organising. We had joint winners, both from the same school, the Cape Academy of Maths, Science and Technology, with ridiculously low penalty points of 130ml each, with the third placed team, Brakenfell High, the defending champions only 10 points adrift!

Our presentations for the SAICE Regional Project Awards took place on 18th May. There were 42 people in attendance, despite the public holiday. Three brilliant projects, two of them entered in the category of "Outstanding Technical Excellence", viz.
– Controlled demolition of the APS Cooling Towers – submitted by (Kayad) Knight Piésold;
– Buitengracht Pedestrian Bridge – submitted by VelaVKE, and the other under "Community Based":
– Reconstruction of MR 172: Helshoogte to Boschendal – submitted by VelaVKE

UPCOMING EVENTS
The remaining activities scheduled for this year are:
Wed, 4 Aug SAICE UCT COCKTAIL EVENING
Wed, 17 Aug Branch Lecture
Wed, 5 Oct Annual Branch Dinner
Wed, 19 Oct Snape Memorial Lecture
Wed, 16 Nov AGM

Jeffrey Saule presents:
The basics of fixing and anchoring technology and typical structural applications at the SAICE branch meeting.

Jeffrey Saule is currently Technical and Training manager at Upat SA, he has his Professional Engineering Degree (Pr. Eng) as well as a MBA.

Jeffrey has 30 years experience in the construction industry. Don't miss his informative 1 hour presentation on, “The basics of fixing and anchoring technology and typical structural applications.”
WE ARE LISTENING…

If you have any comments regarding the SAICE WC activities, please let us know via email or post: Quinten.Corner@aurecongroup.com (preferably) or: SAICE Western Cape Branch c/o Quinten Corner AURECON PO Box 494, Cape Town 8000
Webpage: http://saicewc.co.za

THE FINAL WORD

Remember also to tell us about changes in email addresses. Note that all official records are kept at National Office, thus, any changes in your personal details should also be sent to National Office:
SAICE National Office, Private Bag X200, Halfway House 1685,
Tel: 011 805 5947/48/53
Fax: 011 805 5971, Email: civilinfo@saice.org.za
Webpage: http://www.civils.org.za

All members of the Branch have worked hard to make sure this Newsletter is on your doorstep at the beginning of August. The main reason is that there are several activities in August that we do not want you to lose out on. Obviously we still recommend that you subscribe to our E-flash so you are informed about activities, changes etc. at all times.

We will see you again at our next event in August.

Editor: Quinten Corner

---

ANNUAL BRANCH DINNER - 5 OCTOBER
Speaker: Mr. John Gilmour
Topic: EDUCATION at Disadvantage Schools
Venue: Kelvin Grove, Newlands
Time: 19h00 for 19h30 – 23h30
Ticket Price: R350 per person

This year, SAICE Western Cape will be hosting its annual dinner on the 5th of October. In a time when any engineer in the country is concerned about South Africa’s schooling system and potential to carry out capacity building, we are privileged to let you know that we have been able to secure John Gilmour as a speaker.

John Gilmour is the founder, past-principal and Executive Directors of LEAP Science and Maths School. He previously taught for five years at Abbott’s College (Principal), ten years at Pinelands High School (Deputy Principal), and eight years at Bergville High School. John is the director of the LEAP Science and Maths School, having founded the school at the start of 2004. John also serves as the chairperson of BRIDGE an organisation which he co-founded to provide a national platform for sharing distilled applied research and from which to convene transforming educational communities of practice.

At the age of 45, with two-year-old twins at home, John Gilmour resigned from his comfortable job as a private-school principal in Cape Town. And then he set out to raise money for a whole new kind of school - a not-for-profit that would raise the levels of education in some of country’s most devastated communities. The community Gilmour initially targeted was Langa, where educational results were dismal. In 2003, about 650 learners from Langa wrote matric. Of those, only 350 passed and just six got university exemption - not one with maths and science higher grade.

LEAP’s vision is to transform disadvantaged communities in South Africa through mathematics and science focused education initiatives. LEAP partners with specific communities and provides children from these communities with the opportunity to gain access to tertiary study opportunities, be successful in their chosen career path and develop as socially responsible citizens of South Africa. Currently, four independent LEAP Schools are available serving the communities of Langa and Gugulethu in Cape Town and Alexandra and Dieselpoort in Johannesburg.

For more information on LEAP and BRIDGE see: www.leapschool.org.za
www.bridge.org.za

We are sure by now, you know what to do to book a table or seat…. Contact Cheryl Wright at cheryl.wright@uct.ac.za

---

SNAPE MEMORIAL LECTURE: 19 OCTOBER
Speaker: (Prof) Deon Reitief
Date: Wednesday, 19 October 2011
Time: 17h00 for 17h30
Venue: Atheneum, Newlands

(Speaker details and topic TBC).

ANNUAL GENERAL MEETING: 16 NOVEMBER
Date: Wednesday, 16 November 2011
Time: 17h00 for 17h30
Venue: Atheneum, Newlands

The traditional aspects: Chairman Report, Treasurers Report, Student Chapter Reports etc. The meeting will end with a light presentation.

CPD POINTS

Below are the CPD numbers and point allocation for some of our past events. For more detail contact Reinholdt Loots at lootsr@yebo.co.za.

<table>
<thead>
<tr>
<th>CDP NUMBER</th>
<th>CREDITS</th>
<th>VALID FROM</th>
<th>VALID TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 2 x Pr Eng Interview Presentations</td>
<td>0.1</td>
<td>March 2010</td>
<td>March 2011</td>
</tr>
<tr>
<td>2. City of Cape Town and Sea Level Rise</td>
<td>0.1</td>
<td>March 2010</td>
<td>March 2011</td>
</tr>
<tr>
<td>3. The Future of African Urbanisation</td>
<td>0.1</td>
<td>April 2010</td>
<td>April 2011</td>
</tr>
<tr>
<td>4. Buitengracht Pedestrian Bridges</td>
<td>0.1</td>
<td>July 2010</td>
<td>July 2011</td>
</tr>
<tr>
<td>5. History of Bulk Water Supply in Cape Town</td>
<td>0.1</td>
<td>August 2010</td>
<td>August 2011</td>
</tr>
<tr>
<td>6. Multi-Model Road Space Management</td>
<td>0.1</td>
<td>September 2010</td>
<td>September 2011</td>
</tr>
<tr>
<td>7. Snape Memorial Lecture: The Civil Engineer as Client</td>
<td>0.1</td>
<td>October 2010</td>
<td>October 2011</td>
</tr>
</tbody>
</table>

---

ARE YOU CONNECTED…?

In an attempt to become ‘Green’ the Western Cape Branch is phasing out its printed newsletter and will send electronic newsletters and reminders to inform members about events. In addition our new website http://www.saicewc.co.za will be regularly updated with news and events so keep a look out.

If you would like to be on the e-flash address list, send us an email with the heading SAICE e-flash to marianne.vanderschuren@uct.ac.za. You don’t need to put anything in the text if you don’t want to. – highly recommended.

---

WE ARE LISTENING…

---

SAICE Infrastructure Report Card

The 2011 SAICE Infrastructure Report Card for South Africa was officially launched on 5 April. The full report card can be downloaded from the Publications page on the SAICE National Office website.