

GEOTECHNICAL DIVISION

South African Institution of Civil Engineering

CHAIRMAN:

Dr Nicol Chang
Franki Africa
PO Box 39075
BRAMLEY
2018

Tel: (011) 531 2715

Fax: (086) 504 5936

e-mail: nicol.chang@esorfranki.co.za

Home page: <http://www.geotechnicaldivision.co.za>

SECRETARY:

Mr Trevor Green
Verdi Consulting Engineers
PO Box 13096
VORNA VALLEY
1686

(087) 806 2880

(086) 743 8174

trevor@verdicon.co.za



MINUTES OF THE 337TH MEETING OF THE GEOTECHNICAL DIVISION OF SAICE,

HELD AT 15H30 ON 29 MAY 2014 AT SAICE, MIDRAND

1. PRESENT

Nicol Chang	Chairman	NC
Trevor Green	Secretary, Sponsorship and Piling Code	TG
Heather Davis	Treasurer	HD
SW Jacobsz	ISSMGE Awards Committee, ISSMGE TC104	SW
Gavin Wardle	Lateral Support Code	GW
Jonathan Day	Website	JD
Solly Phalanndwa	Awards	SP
Marie Basson	YGE	MB
Rob Armstrong	SANIRE rep to GeoDiv	RA

2. APOLOGIES

Michelle Theron	Courses & Conferences	MT
Eduard Vorster	GeoDiv rep to SANCOLD	EV
Sinenkosi Dlamini	Courses & Conferences	SD
Gabi Wojtowitz	Evening Lectures, CPD, GeoDiv rep to TC60	GB
Gerrit Smit	Courses & Conferences	GS
Scott Glover	Publications/Marketing	SG
Dan Avutia	Marketing	DA
Phil Paige-Green	SAIEG rep to GeoDiv, TC202	PPG
Anton Bain	GIGSA rep to GeoDiv	AB

3. ADDITIONAL DISTRIBUTION

Denis Kalumba	Cape Town rep	DK
Bazy Dukhan	Durban rep	BD
Malcolm Jaros	Durban rep	MJ
Peter Day	Jones and Wagener	PD
Manglin Pillay	CEO of SAICE	MP
Stanford Mkhacane	SAICE President	SM

- 4. MINUTES OF PREVIOUS MEETING** NC
- Minutes of the previous meeting was accepted by those present
- 5. MEMBERSHIP** HD
- New SAICE membership list indicate 522 paid-up members for Geotechnical Division as of May 2014.
- 6. FINANCES** HD
- Balance as of end of April 2014 is R1,715,584.45.
 - Income/expenses for 2014 Jennings' lecture have been split from In-situ Characterisation course for ease of reference.
 - Approximately R180,000.00 still to be paid to the Environmental Division, from the Mine Waste Conference.
 - Profit from Mine Waste Conference of approximately R400,000.00 which has been divided equally between the Geotechnical division and the Environmental Division.
 - Thank you received from Environmental Division for Mine Waste Conference.
 - PD currently the only signatory on the GeoDiv bank account. Proposed to remove PD, and add HD, NC & TG (i.e. Treasurer, Chairman and Secretary). Resolution passed and signed.
 - Request from HD for airline ticket for Ken's son for YGEC to be paid by GeoDiv (~R2500). Agreed that this should be paid.
- 7. CORRESPONDANCE** TG
- ISSMGE
 - SW Jacobsz has been appointed secretary of the ISSMGE Awards Committee for the period 2013-2017.
 - ISSMGE Technical Committees
 - Nothing to report
 - Student and Young Members Presidential Group (SYMPG)
 - Nothing to report
 - ISSMGE International Development Committee (IDC) EV
 - Nothing to report
 - SAICE MT
 - SAICE meeting held in April.
 - NC attended as GeoDiv representative.
 - SAICE proposing to increase membership fees, possibly double, and then provide some courses for free. Concept generally opposed by GeoDiv committee.
 - SABS/SANS PD
 - SC59P, PD to look at list of current members to identify potential candidates before tendering his resignation to SABS.
 - TC98/SC006, next meeting to be held 12 June 2014.
 - Working group created to revise SANS 207.

- Working group created to draft geotechnical design code.
 - EV indicated at the previous SC59P meeting that there has been a request to look at the necessity for specification for site investigation in Dolomites.
 - TC60, Dr Gabi Wojtowicz has accepted the Division's invitation to be their representative on TC60.
- GIGSA
 - Nothing to report
- SAIEG
 - Nothing to report
- SANIRE
 - RA introduced himself
 - Rock mechanics course (11 – 12 September 2014)
 - International slope stability course in Cape Town (12 – 14 October 2014)
 - RA to send through details
- SANCOLD
 - Nothing to report
- General
 - Frank Netterberg proposed that Tony Williams be nominated for a SAICE Research award. No objections to this proposal and agreed that Frank should send nomination directly to SAICE.

8. SUB-COMMITTEES

8.1 Sub-committee: Events & Evening lectures

GB

- 2014 Lecture topics:
 - NC re-affirmed intention to have Peter Day repeat the Brink Memorial Lecture as an evening lecture. Possibly second half of 2014. NC to discuss with PD.
 - Other possible topics from AGM:
 - Fracking
 - Foundation challenges
 - Gautrain
 - Titan suppliers keen to do an evening lecture. No objections provided scope and content clearly communicated to avoid a “marketing” exercise.

8.2 Jennings Lecture

- 2014 Jenning Lecture MT
 - Paul Mayne Jennings Lectures was very successful.
 - Approximately 270 delegates.
- 2015 Jenning Lecture NC
 - Possible candidates discussed:
 - Brian Simpson
 - Mark Randolph

- Jean Louis Briand
 - Marias des Seault (fracking)
 - Fred Kulhawy
- Suggested to move away from in-situ testing for next lecture.
- Decision on next Jenning lecture deferred to next meeting.

8.3 Sub-committee: Courses and Conferences

MT/GS/SD

- SAICE Civolution Conference (4-6th April 2014) GS
 - GeoDiv provided two presentations at the conference.
 - Alan Parrock on 'Risk in Geotechnical Design' (8 attendee's)
 - SW Jacobsz on 'Importance of Research' (3 attendee's)
 - Conference poorly attended, possibly as geotechnical component one of eight parrallel sessions run late in the day.
 - Proposed to re-use lectures by SW and Alan for evening lectures at some stage.

- 5th International Mining and Waste Management Conf. (10-12th March 2014) MT
 - Geotechnical division hosted the waste and tailings conference in collaboration with the Environmental division.
 - 111 delegates and 27 papers.
 - Good feedback.
 - Just under R200,000 profit for Geotechnical Division from conference.

- Dolomite Seminar (24-25th June 2014) SW
 - Conference/seminar to discuss/comment on the SANS 1936 document for development on dolomitic land.
 - Conference to be hosted in conjunction with SAIEG, Council of Geoscience and NHBRC.
 - Venue changed to University of Pretoria.
 - Over 100 delegates registered.
 - Everything reportedly in hand in terms of organisation.

- Young Geotechnical Engineers Conference 2014 MB
 - To be held on 17-19th September 2014 at Spier Wine Farm, Stellenbosch.
 - Ken Schwartz confirmed as godfather.
 - Conference renamed '8th South African Young Geotechnical Engineers Conference'.
 - RCA assisting with organization.
 - Important dates,
 - Deadline for final papers, June 2014,
 - Deposit of R20000 has been paid.
 - Everything reportedly in hand in terms of organisation.

- ARC 2015 (Tunisia)
 - GeoDiv norminated SW Jacobsz, Eduard Vorster and Denis Kalumba to scientific committee of 16th ARCSMGE.
 - No confirmation from Conference organizing committee.
 - Conference to be held end of April 2015.

- South African Geotechnical Conference SW
 - There has been request by members to host a South African Geotechnical conference.
 - After further extensive discussion, September 2015 identified as possible date for conference to avoid clashing with ARC.
 - Include a Geoff Blight memorial lecture, possibly John Burland or Andy Fourie.
 - Could also potentially tie this up with the Jennings lecture.
 - Call for papers ???
 - Submission of papers by ???

- Lateral Support Short Course GW
 - Possibly in 2015.
 - Used as information to revised LS code.
 - GW reported little interest from call for interested parties.
 - GW suggested it would be better to prioritise piling code and/or South African Geotechnical Conference.

- Other possible courses
 - Short Course: Laboratory interpretation of problem soils
 - SAICE E&T to arrange course and share in the profit.
 - Heather Davis has offered to present topic.
 - No feedback from E&T.
 - Short Courses: Geotechnical Basics
 - Acknowledged need for basic courses similar to site investigation course and foundation design course.
 - Needs to be headed by someone passionate about teaching.
 - Repeated periodically.

- Web-based Courses JD
 - GeoDiv to investigate using web based systems to broadcast events. This would assist in serving members in areas other than the three main centres of Cape Town, Durban and Johannesburg/Pretoria.
 - Setup committee to investigate.

- General
 - Yolande Oosthuizen has resigned from RCA to start own company. Resolved to continue with RCA for conferences and courses.

8.4 Sub-committee: Publications and codes of practice

- CoP Lateral Support GW
 - Long term plan to review and rewrite this Code to include limit state design.
 - GW to identify sub-committee for reviewing/revising current code.
 - GW reported little interest from call for interested parties.
 - Ask for nominations for committee in next newsletter.

- CoP Piling TG
 - Preferably published as a SAICE Code of Practice
 - TG to identify sub-committee for reviewing/revising current code.

- Ask for nominations for committee in next newsletter.
- Check with SABS/SANS as to plans regarding piling code.

8.5 Sub-committee: SAICE Magazine

SG

- Sufficient articles received for 2014 April edition of SAICE Magazine.
- Deadline 10 February 2014.
- Interviews conducted with Gold Medal recipients.

8.6 Sub-committee: Awards

SP

- 2013 Barry van Wyk Award to Catherine Purchase for dissertation titled 'The classification of soils based on the results of dissipation and piezocone tests'.
- 2013 Jennings Award not awarded.
- 2013 Geotechnical Gold Medal
 - Dr Johan Lourens, to be awarded at GeoDiv AGM on 21 Nov 2013,
 - Dr Desmond Webb, to be awarded at Jennings Lecture in Durban, 2014. NC to contact Malcolm Jaros for person to introduce Dr Webb.
- SW indicated that only one gold medal remain. Quote received for new gold medals and decided to purchase 30 and keep template if possible.
- Candidates mentioned for Gold Medal (Prelim only):
 - Ettiene Terblanche
 - Derick Sparks
 - Michael Pavlakis
 - Need to identify more candidates
 - Ask previous recipients
 - Review old journals, SAICE magazine and conference proceedings

8.7 Webpage

JD

- JD confirmed the following:
 - Only SAICE members can apply as members of GeoDiv
 - Non-SAICE members can join the mailing list and receive correspondence.
- Newsletters currently being sent out using Touch Base Pro.
- Information to be uploaded
 - CPD information, including CPD certificates & attendance registers.
 - Minutes of the division meetings.
- Need to keep a list of Events and lectures on the website Event Page, updated CPD list and attendance.
- Members list needs to be updated. HD to send through latest list.
- Update the Awards Page with the last recipients of Barry van Wyk, Jennings & Gold Medal.
- Possibly add list or copies of papers published, by year. Further discussion required.

8.8 Sub-committee: CPD

GB

- CPD accreditations outstanding,
 - 2013 AGM
 - 2014 Jennings Lecture
 - 2014 In-situ course by Prof. Maine
 - 2014 Mine Waste Conference

8.9 Sub-committee: Marketing

- Marketing portfolio needed to record and take photos of events
- Publish articles promoting GeoDiv events and activities
- Generally look for opportunities for promotion and marketing
- Feedback provided by DA on in-situ course
- NC requested all committee members to take photos at events

9. GENERAL

- Book list to be made available at GeoDiv events.
- GeoDiv Photo competition to be investigated, generate traffic on GeoDiv website

10. NEXT MEETING

- Proposed dates for 2014 meetings.
 - 336th meeting, 23 January 2014, 15:30, SAICE, Midrand
 - 337th meeting, 29 May 2014, 15:30, SAICE, Midrand
 - 338th meeting, 7 August 2014, 13:30, SAICE, Midrand
 - 339th meeting, 20 November 2014, 13:30, SAICE, Midrand