

Geometry teachers draw the line!

AMESA Tshwane Workshops - 22 February 2014 (MAMELODI CAMPUS)



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA
Faculty of Education

The Association for Mathematics Education of South Africa (AMESA) is hosting a mini conference on the theme “**Geometry teachers draw the line!**”

Geometry presents a challenge for many learners and their teachers. The aim of this conference is to bring about a change from lack of confidence to a productive disposition where teachers are prepared to take on the challenges of learning and teaching geometry, by drawing on internal and external resources.

Keynote speaker: Professor Michael de Villiers will present a plenary lecture in which he shares insights into the world of Geometry for teachers across the phases. He will also conduct a hands-on computer-based session.

Foundation Phase workshop: Heidi Julies & Sandra van Niekerk: Exploring our Environment

Intermediate Phase (Gr 4 & 5) workshop: Fatima Cassim: Geometry Activities

Grades 6 & 7 workshop: Ntebaleng Mamabolo & Regina White: Constructing Objects

Grades 7 & 8 workshop Erna Lampen: Introduction to Euclidean Geometry

FET workshops Gerrit Stols (Circle Geometry) & Michael de Villiers (Quadrilaterals)

Workshop fee: R150 (including 2014-membership) or R30 (proof of 2014-membership)

AMESA membership: R120 (Individual members)/R30 (Students)/R340 (Institutional membership)

Date: 22 February 2014

Time: 07:30 – 14:30

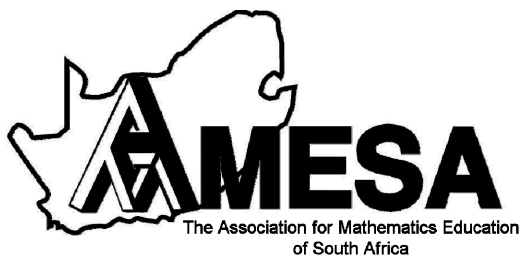
Venue: University of Pretoria, Mamelodi Campus

RSVP: 10 February 2014 E-mail: Nombulelo.Mandindi@wits.ac.za

Enquiries: Nombulelo Mandindi 011 484 8917 (Fax 086 402 1228)
Khangelani Mdakane 082 352 8893
William Chauke 083 258 3390
Caroline Long 012 420 5548

REGISTRATION ESSENTIAL BY 10 FEBRUARY 2014

Please confirm attendance for printing and catering purposes

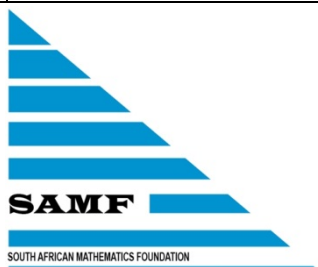


'Geometry teachers draw the line!'

AMESA Tshwane Branch Geometry Workshop

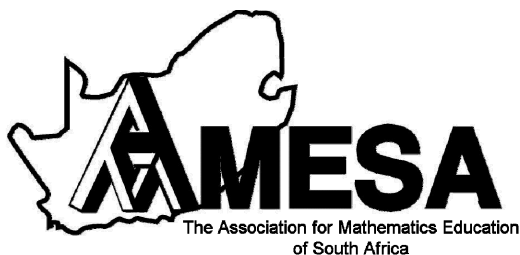
PROVISIONAL PROGRAMME

TIME	ACTIVITY					
07:30	Registration					
08:30 08:45	Opening and welcome: Khangelani Mdakane, Chairperson of AMESA Gauteng Professor Johann Engelbrecht, University of Pretoria					
08:45 09:45	Opening Address: <i>Learning activities for geometrical thinking and understanding from primary to high school.</i> Professor Michael de Villiers					
PARALLEL SESSIONS (Note the numbers will be restricted for these workshops)						
	Foundation Phase	Intermediate Phase Gr 4 & 5	Intersen Gr 6 & 7	Senior Phase Gr 8 & 9	FET Grade 10	FET Gr 11& 12
	Venue:	Venue:	Venue:	Venue:	Venue:	Venue:
09:50 10:45	Exploring your environment <i>Heidi Julies Sandra van Niekerk</i>	Geometric activities <i>Fatima Cassim Ronel Paulse Thania Meiring Elspeth Khembo</i>	Constructing geometric objects <i>Ntebaleng Mamabolo Regina White</i>	Introduction to Euclidean Geometry <i>Erna Lampen</i>	Quadrilaterals <i>Michael de Villiers</i>	Circle Geometry <i>Gerrit Stols</i>
10:45 11:15	TEA					
11:15 13:00	Continued <i>Heidi Julies</i>	Continued <i>Fatima Cassim</i>	Bridging from Primary to High School <i>Cheryl Bleeker</i>	Continued <i>Erna Lampen</i>	Quadrilaterals <i>Michael de Villiers</i>	Circle Geometry <i>Gerrit Stols</i>
13:15 14:15	LUNCH					



CASIO

SHARP



'Geometry teachers draw the line!'

AMESA Tshwane Branch Geometry Workshop

REGISTRATION FORM

Personal details:

Name: _____

Surname: _____

Institution: _____

Tel no: _____ **E-mail:** _____

Participation: I will be attending the following workshop (please tick one box):

Foundation Phase	
Intermediate Phase: Grades 4 & 5	
Intersen: Grades 6 & 7	
Senior Phase: Grades 8 & 9	
FET Mathematics: Grade 10	
FET Mathematics: Grade 10	

Payment: It is AMESA policy that all participants must be paid-up members.

Are you a current paid-up AMESA member? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please provide your membership number: _____	R
If No, please complete the membership form and include the Membership fee:	
Workshop registration fee:	R30
Total payment:	R

Please deposit your registration fee in the following bank account and fax or e-mail your registration form and proof of payment:

Bank Name: FNB
 Account Name: AMESA
 Account Number: 513 6007 6992
 Branch: Braamfontein
 Branch Code: 251 905
 Type of Account: Current
 Reference: Your name or membership number

Please fax or e-mail your registration form and proof of payment to Nombulelo Mandindi:

Fax: 086 402 1228

E-mail: Nombulelo.Mandindi@wits.ac.za

REGISTRATION ESSENTIAL BY 10 FEBRUARY 2014

Please confirm attendance for printing and catering purposes

Bring along your deposit slip and membership card to the registration desk at Mamelodi Campus.

AMESA MEMBERSHIP APPLICATION/RENEWAL FORM

If you are not a current paid-up AMESA member, you need to complete this section.

Please complete in full and in capital letters

1. **Membership no** (if renewal): _____
2. **Province:** _____ **Branch:** _____ (if known)
3. **Membership type:** Individual Institutional Associate (full-time pre-service student)
4. **Field of interest:** Primary Secondary Tertiary
5. *For Individual and Associate members only:*

Surname: _____ **First name:** _____ **Title:** _____

Postal address: _____ **Postal code:** _____

Tel. no: _____ **Fax:** _____ **E-mail:** _____

6. *For Institutional members only:*

Designation of person to whom correspondence should be addressed

(e.g. The HOD Mathematics / Librarian): _____

Name of institution: _____

Postal address: _____

_____ **Postal code:** _____

Tel. no: _____ **Fax:** _____ **E-mail:** _____

7. *For student (associate) members only:*

I hereby declare that I am a full-time, pre-service student at the following tertiary institution:

_____ **Signature:** _____

Please include proof of registration at tertiary institution with your application.

8. **Membership subscription fee:**

Mark one, and then include the amount in the membership section and total

- South Africa, **Individual: R120**
- South Africa, **Institutional: R340**
- South Africa, **Associate (Full-time student at a tertiary institution): R30**
- South Africa, **Life membership: R3000**
- Other African countries**, Individual: **ZAR 150**
- Non-African countries**, Individual: **USD 65**