ASSOCIATION FOR MATHEMATICS EDUCATION OF SOUTH AFRICA

26th Annual National Congress (Virtual)

14 – 16 July 2021

FINAL ANNOUNCEMENT AND CALL FOR PAPERS

You are invited to the 26th Annual National Congress of the Association for Mathematics Educators of South Africa (AMESA) and to submit contributions around the theme:

Developing Equitable Mathematical Teaching and Learning Practices that Empower Teachers and Learners in the 4IR Era

Note: This is an online Congress

CONGRESS THEME

In 2020 the National Council of AMESA took the decision to postpone our Congress to 2021 as a result of COVID-19 global pandemic. Since then, our chosen theme has become very relevant with the move to various online platforms used for teaching, learning, meetings and other academic engagements. We have learnt so much in such a short space of time.

The efficiency of the usage of technology to enhance mathematics teaching and learning practices is an ongoing debate. While the fourth Industrial Revolution (4IR) questions what it means to be efficient in the twenty first century, a firm response lies in how we teach and learn mathematics. Thus, teachers equipped with a solid mathematics content knowledge coupled with the ability to teach mathematical thinking and reasoning can be able to develop essential, relevant skills for the 21st century. These skills include complex problem-solving, critical thinking, creativity as well as cognitive flexibility. Equity based mathematics teaching practices in research are framed through lenses like reflecting, noticing and learner engagement. This congress therefore provides a platform in which participants can share innovative teaching and learning practices that promote competent citizenship in the 4IR era.

Sub-themes for the conference

1. Action Research in the teaching and learning of Mathematics;
2. Practical ways of integrating Artificial Intelligence and Machine Learning into the school curriculum from Early Childhood Development to Grade 12;
3. The role of School Mathematics to prepare learners for the Fourth Industrial Revolution and the Future of Work;
4. Teaching and learning Mathematics as a tool for an equitable access to Open and Distance Education (ODL) and Digital Inclusion;
5. Use of Technology on equitable Mathematics teaching and learning practices;
6. Mathematical thinking and reasoning through Problem-Solving and Spatial Conceptualisation.

CONGRESS PROGRAMME

The congress participants include an exciting array of mathematics teachers and lecturers, materials and technology developers, national and international researchers and government advisers, presenting on policy directions and research findings, and sharing teaching ideas and materials.

The programme will include:

1. **Plenary addresses** by invited speakers:

   Lindelani Mnguni (University of the Witswatersrand)
   Maoto Satsope (University of Limpopo)
   Sophie Marques (Stellenbosch University)

2. **Panel discussions** on key issues in Mathematics Education.

   Panel Discussion 1: **Developing equitable Mathematical Teaching and Learning practices that empower teachers and learners in the 4IR Era**
   Panel: Lindelani Mnguni (Convenor) with Jayaluxmi Naidoo; Themba Mthethwa and Vasuthavan Govender

   Panel Discussion 2: **Teaching Mathematics differently across the phases in schools, universities and at TVET Colleges**
   Panel: Mdutshekelwa Ndlovu (Convenor) with Maoto Satsope, Sophie Marques, and Batseba Mofolo-Mbokane

3. **Parallel sessions** presented by participants, in the following areas:
   Foundation Phase; Intermediate Phase; Senior Phase; FET Phase and Teacher Education.
   The following formats of presentation will be used:
   - **Long papers** (40 minute presentation plus 20 minute discussion)
   - **Short papers** (20 minute presentation plus 10 minute discussion)
   - **"How I teach"** papers (20 minute presentation plus 10 minute discussion)
   - **Posters** (Exhibited on a 1.2 m x 1.8 m board, for the duration of the conference. Authors should be available at allocated hours for discussion)
   - **Workshops** (1 or 2 hours)

4. **Maths Market:** Promotion of their products by commercial vendors
5. **AMESA Curriculum Phase Committees** discussions
6. **AMESA Special Interest Group** meetings
7. **AMESA Annual General Meeting**

CONTACT DETAILS

Please send all communication about administrative matters to:

The AMESA Congress Secretary
Nombulelo Mandindi
PO Box 54
2050 WITS

Tel: 011 484 8917
Cell: 082 390 7088
Fax: 086 406 591
Email: congress2021@amesa.org.za

Please send all communication about the academic programme to:

The Academic Coordinator
Zingiswa MM Jojo
University of South Africa
Pretoria

Phone: 012 429 6627
Cell: 073 488 2211
Email: jojo@amesa.org.za

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Congress Deputy Director
Batseba Mofolo-Mbokane
University of the Witwatersrand
Johannesburg

Tel: 011 717 3411
Cell: 082 594 1271
Email: batseba@amesa.org.za

Congress website:
http://www.amesa.org.za/AMESA2021/

See the congress website for updated relevant information.

THE LOCAL ORGANISING COMMITTEE (LOC)

The LOC is made up of members who have been actively involved in Mathematics Education in the branches and provincial structures of AMESA. They come from a variety of backgrounds and include teachers, subject advisors, administrators and Mathematics teacher educators. They have been allocated various portfolios and duties for Congress 2021. These details will be included in the Final Announcement.

MEMBERS OF THE LOC

Trevor Dube
Freddy Tlhavani
Gabriel Mphuthi
Batseba Mofolo-Mbokane
Merriam Thindisa
Thembelihle Mtshali
Sandra Van Niekerk
Zingiswa Jojo
Mbhazima Ngoveni
Ishaak Cassim
Puleng Rankweteke
Fatima Cassim
Michael Mothiba
Motshidisi Masilo
Johannes Jason
Thabiso Thubakgale

THE NATIONAL ORGANISATION COMMITTEE (NOC)

The NOC is an AMESA sub-committee involved in national congress tasks and supports the LOC. Its members are appointed based on their proven knowledge, functionality, commitment and delivery on national congresses. A representative for the following year's national congress will also serve on the NOC.

MEMBERS OF THE NOC

Rajendran Govender (Chairperson); Vasuthavan Govender (Mentor); Manare Setati (Finances); Kgomotso Pilane and Nombulelo Mandindi (Congress Secretariat), Oniccah Thibodi (North West Representative)

Note: North West Province will host the 2022 AMESA Congress

PLENARY SPEAKERS

Lindelani Mnguni
University of the Witwatersrand

Lindelani Mnguni is a C2 rated researcher (2020 – 2025) and is currently an Associate Professor in the Faculty of Health Sciences at the University of the Witswatersrand. Previously he was. an Associate Professor for Science Education at the University of South Africa where he served as Director: School of Teacher Education and Chair of the Department of Science & Technology Education at UNISA and received the Principal's Award for Excellence in Research.

Mnguni was listed in Top 200 Young South Africans, Mail & Guardian in 2012. Mnguni's research interests include curriculum and instructional design and development, with specific reference to visuo-semiotic models and visuo-semiotic reasoning in (life) science education; as well as health education. Mnguni has explored strategies for integrating 21st-century technologies, such as animations, simulations and physical models in teaching molecular concepts. Prof Mnguni has presented his research in several countries, including Germany, Italy, Portugal, The Netherlands, and Sweden.

Satsope Maoto
University of Limpopo

Satsope Maoto is the current Executive Dean of the Faculty of Humanities, University of Limpopo. She had the opportunity to teach mathematics and mathematics education at all levels of education. She taught primary teachers under a project then called Primary Mathematics Project (PMP) while teaching at a High School and later at a College of Education. When she joined academia in April 2000 she lectured both pre-service and in-service undergraduate and postgraduate courses. She was one of the academics assigned responsibilities to initiate a Department of Mathematics, Science and Technology Education in the School of Education at the University of Limpopo. She thus developed and taught mathematics for different undergraduate and postgraduate certificates and degree programmes, – all with specialisation in Mathematics Education. Her teaching experience at all levels and her research areas for both her Masters and Doctoral degree in mathematics education shaped her research focus. Her research focus is on classroom practice and delves into issues of mathematics teaching, learning and assessment. This focus later expanded to include the comprehension of mathematics and mathematics teacher-training from the perspective of reform. She is thus best described as a mathematics teacher to the last.

Sophie Marques
SAMS Plenary Speaker
Stellenbosch University

Sophie Marques did her PhD in the Algant program between the University of Padova and the University of Bordeaux. The topic of her PhD was in the intersection of Algebraic Geometry and Algebraic Number Theory. After her graduation, she was appointed as Visiting Assistant Professor at the Courant Institute in New York for two years, where she was mentored by Yuri Tchinckel and Fedor Bogomolov. She stayed two more years as a Clinical assistant professor. In 2017, she decided to leave the United States and move to South Africa, the home country of her husband. She did a Postdoc at the University of Cape Town until 2019, when she was appointed as a Senior lecturer at Stellenbosch University, her current position.

PANEL DISCUSSIONS

Lindelani Mnguni
(Chair of Panel Discussion 1)

Lindelani Mnguni is an Associate Professor in the Faculty of Health Sciences at the University of the Witswatersrand.

He chairs the first panel discussion in which we unpack our theme of Congress 2021:

"Developing equitable Mathematical Teaching and Learning practices that empower teachers and learners in the 4IR Era"

The panel members are Jayaluxmi Naidoo, VG Govender and Themba Mthethwa.

Mdutshekelwa Ndlovu
(Chair of Panel Discussion 2)

Mdutshekelwa Ndlovu is the Vice-Dean: Research & Postgraduate Studies in the Faculty of Education at the University of Johannesburg.

He is the chair of our second panel discussion titled:

"Teaching Mathematics differently across the phases in schools, universities and at TVET Colleges"

The panel members are Maoto Satsope, Sophie Marques and Batseba Mofolo-Mbokane

CALL FOR PAPERS

You are invited to submit contributions to the academic programme. Please note that in order to ensure a high standard of presentations and broad-based participation:

- we will accept no more than two inputs per presenter,
- we will not accept any presentation for the programme unless a full transcript or workshop outline has been submitted for reviewing,
- we will adhere to the due dates for submission as this ensures time for useful and relevant reviews of submissions,
- we will only include names on the programme of those who have paid their registration fees.

To help you in planning and writing your proposal, we include technical guidelines for preparing a paper. An electronic styles template is available on the congress website. ***The Presentation Proposal Form*** (page 16) must be submitted with your proposal to the Academic Coordinator by ~~**25 April 2021**~~ **20 May 2021.**

CALL FOR REVIEWERS

In order to have enough reviewers for submitted papers, we invite AMESA members to volunteer to help with reviewing papers. This review process should take place during March and April 2020. You can serve as reviewer if you are a current AMESA member and have presented a reviewed paper (a long or short paper) at previous AMESA congresses or have published in *Pythagoras*. If you qualify and are willing, please fill in the ***Reviewer Form*** (page 17) and send it to the Academic Coordinator by **5 April 2021**.

MATHS MARKET

Publishers, entrepreneurs and NGOs are invited to present and promote their commercial products in a special session in the programme called a *Maths Market* presentation.

Research about such products may be presented as an academic paper which will be reviewed, but commercial products should not be directly promoted in academic sessions.

Maths Market presentations are not reviewed and not published in the Congress Proceedings. Please contact the Secretariat for more details, and consult the Congress webpage for costs and sponsorship opportunities.

IMPORTANT DATES

Reviewer Information	5 April 2021
Submission of full presentation proposal manuscripts	~~25 April 2021~~ 20 May 2021
Notification of proposal review results	25 May 2021
Last date for registrations	30 June 2021
Opening ceremony	14 July 2021 at 9:00
Closing ceremony	16 July 2021 at 13:00

Guidelines for submission of Long Papers

Length: 8–12 pages: Each Long Paper will be scheduled for a total time of 60 minutes: 40 minutes for oral presentation and 20 minutes for discussion. The following types of papers are suitable for presentation as a long paper:

1. Research report

This should include the following:

- A statement about the focus of the paper or the research questions, and a motivation for the significance of the research;
- An indication of the theoretical framework of the study reported;
- A discussion of the related literature;
- An indication of and justification for the methodology used;
- Some sample data and findings and a statement of how these help to answer the research questions;
- What your findings mean for Mathematics teaching and learning or further research;
- List of references.

2. The presentation of Mathematics/Mathematical Literacy content

These could include content in Mathematics/Mathematical Literacy, relevant to the school curriculum, such as:

- An innovative way of dealing with a section of Mathematics/Mathematical literacy;
- Alternative proofs for theorems;
- Interesting Mathematics that teachers are conversant with; Mathematics/Mathematical Literacy that is new in the proposed curriculum;
- List of references.

3. Theoretical, methodological or philosophical essays

These should include the following:

- A statement about the focus of the paper and a motivation for its significance;
- An indication of the theoretical, methodological or philosophical framework within which the focus or theme of the paper is developed;
- Reference to related literature;
- A clearly articulated statement of the author's position on the focus or theme;
- What your results mean for Mathematics teaching, learning or research;
- List of references.

Reviewing: At least **t**wo reviewers, with experience in the area, will review your paper. Specifically, reviewers will be asked to comment on the following: mathematical content, theoretical framework and related literature, methodology (if appropriate), statement and discussion of results (if appropriate), clarity and relevance to the AMESA audience. *A developmental approach to reviewing will be applied to your paper. In other words, you will be given feedback by the reviewers, which you could use to improve your paper and then (if necessary) re-submit for further review and feedback*. If your paper is not accepted in this category it will be reconsidered for submission as a short paper presentation.

Publication of Long Papers: Authors may choose not to have their accepted long papers published in the AMESA 2021 Congress Proceedings, to keep open the possibility to submit it to a journal. Note that authors must still submit the full manuscript for review, but if they choose to exclude their long paper from the Proceedings, they must then submit an extended abstract of 2-4 pages of the paper and this extended abstract will then be published in the Proceedings.

Guidelines for submission of Short Papers

Length: 5–8 pages: Each Short Paper presentation will be given a total time of 30 minutes: 20 minutes for oral presentation and 10 minutes for discussion. This kind of presentation is most suitable for work in progress and may include the following:

1. Reflection on teaching or practice: This is mainly for Mathematics educators who would like to share their reflections on their teaching or on their participation in a developmental project or research project. For reflection on teaching you need to specify the following:

- The grade and class size;
- The Mathematics topic taught;
- The mathematical goals and purposes;
- A description of the lesson;
- What factors contributed to the success of the lesson;
- What factors tended to hamper success and how you dealt with them.

2. For reflection on participation in a Mathematics development project you should specify the following:

- The duration of the project;
- Mathematical aspects covered by the project;
- Practical examples of how participation in the project impacted your teaching.

3. The presentation of Mathematics/Mathematical literacy content: For details on this type of presentation, refer to number 2 under the long papers.

4. Proposals: Research or development: This can be a presentation of a proposal for a research or Mathematics education developmental project and should include the following:

- A description of the focus of the research project or developmental project;
- Motivation for the study or project;
- Some indication of the theoretical framework of the study or project;
- Some discussion of the related literature;
- How the study or project will be undertaken, including some justification of methodology;
- Participants and timelines;
- List of references.

5. Initial sharing of data: This is mainly for people who have done research and are still working on their analyses. The paper should include the following:

- A statement about the focus of the paper or the research questions, and a motivation for the significance of the research;
- Some aspects of the theoretical framework of the study reported;
- Some discussion of the related literature;
- An indication of and justification for the methodology used;
- Some sample data and initial analysis or description of data;
- List of references.

Reviewing: Two reviewers, with experience in the area, will review your paper. Specifically, reviewers will be asked to comment on the following: mathematical content, conceptual coherence, clarity and relevance to the AMESA audience. *A developmental approach to reviewing will be applied to your paper. In other words, you will be given feedback by the reviewers, which you could use to improve your paper and then (if necessary) re-submit for further review and feedback.*

Guidelines for "How I teach" Papers

Length: Minimum 1 page and a maximum of 4 pages.

Critical information to be included:

- **Title**: A heading for your paper e.g. How to use paper folding in geometry.
- **Name**: Your Name and Surname
- **Organisation**: Where you are from e.g. the name of your school.
- **Phase:** The phase your talk is aimed at i.e. foundation, intermediate, senior, FET or tertiary.
- **Introduction:** Include here a paragraph on what your talk is about. Why did you choose to talk about it? What you are going to do in the talk.
- **Content:** You might want to write one or two sentences on your experiences of using such activities in your class and some of the advantages or disadvantages of using the activities.
- Also provide here a brief conclusion on the talk.
- **References:** Add here any references that you might have used. In other words, if you took the activities from a textbook or from the internet, please acknowledge these sources.
- There may be other headings you want to include (e.g. "teacher tips") – please feel free to do so.

Reviewing

Your paper will be reviewed. *A developmental approach to reviewing will be applied to your paper. In other words, you will be given feedback by the reviewers, which you could use to improve your paper and then (if necessary) re-submit for further review and feedback*. The Academic Committee of Congress 2021 reserves the right to make minor editing changes.

Guidelines for Posters

Poster presentations are available for those whose work is more suitably communicated in a pictorial or graphical format, rather than through an oral presentation. There is no formal oral presentation associated with posters, but a time will be allotted, after sufficient display time, during which presenters will be available at their posters for informal discussion with participants. A poster (1,2 m x 1,8 m board), can present research projects, software developments, curricula innovations, educational programmes, etc., related to Mathematics Education.

Note the following as you prepare your proposal for a poster:

- Your proposal should describe both the contents of the poster and its visual (pictorial or graphical) characteristics.
- Your proposal should be restricted to one page, including references and figures. If accepted, this text will be included in the Congress Proceedings.
- Type and centre the title (in capitals), author(s) names, and affiliation(s) of the author(s) in this order.

Reviewing

The Academic Committee will review the proposals for Poster Presentations. If your proposal is accepted, the Academic Committee will provide further guidance on the preparation of the actual poster itself.

Guidelines for Workshop Presentations

Note that workshop write-ups and the worksheets will *not* be published in the Congress Proceedings. It will be included in the DVD, and copies of the activities will only be duplicated for the workshop participants. Your proposal should include:

1. **Motivation for running workshop.** This is for reviewing and should include:
   - **Title of the workshop**
   - **Name of presenter(s)**
   - **Institution where you are employed**
   - **Target audience:** The phase your workshop is aimed at e.g. intermediate.
   - **Duration:** There will be 1-hour or 2-hour workshop slots. Please ensure that you choose an appropriate length slot.
   - **Maximum number of participants:** You may limit the number of participants in your workshop. Workshop presenters should attempt to cater for at least 30 participants.
   - **Motivation for the workshop:** Why is the workshop important? How will it help participants?
   - **Description of content of workshop**
   - **What will be done in the workshop**? How will the time slot be broken up?
   - **The activities and worksheets to be used in the workshop** (maximum 8 pages)

2. **An abstract describing the level, nature and content of the workshop** (200 words)
   Note: Only this abstract will be published in the Congress Proceedings.
   - Workshops need to be **hands-on sessions** where participants are **actively involved** in doing the activities that you provide. Usually these activities will be done in groups, consisting of 3–5 participants. There should also be ample time for discussions (approximately 25% of your time is suggested).
   - If you have used ideas from other sources, it is essential that you acknowledge these sources.
   - We will *not* accept any submissions where more than two pages have been copied directly from another source.

Reviewing: The Academic Committee will review the proposals for Workshop Presentations.

Technical guidelines for preparing manuscripts

We are endeavouring to work towards a uniform appearance for all papers in the Congress Proceedings. **An electronic template and guidelines will be available from the congress website.**

Please use the template as the basis for your paper and adhere to these guidelines:

- Restrict your paper to the maximum number of pages as specified for the type of presentation, including references, figures, and appendices.
- Write the paper in English.
- Type and centre the title (in capitals), author(s) name(s), and affiliation(s) of the author(s), in this order. Underline the name of the presenting author(s).
- Begin the paper with an abstract of up to ten lines, single-spaced, preferably in italics.
- Use a 14-point type (Times New Roman), a 16-point line space, and 6 points between paragraphs, occupying a frame of 170 mm by 247 mm. Please use exact dimensions and fill the entire frame. Remember that the original text will be reduced in the Proceedings.
- Give references in the APA style.
- **Do not number the pages.**

E-mail the paper as an attachment (word document) to the Academic Coordinator by ~~**25 April 2021**~~ **20 May 2021**, together with your completed Presentation Proposal Form. **Fax copies will not be accepted.**

TABLE OF PRESENTATION CATEGORIES

This page is for your reference when completing the Reviewer Form or the Presentation Proposal Form.

Reviewers will receive proposals for review according to their preferred categories that they mark in their Reviewer Form.

The proposals will be sent to reviewers according to the presentation categories that authors have marked in their Presentation Proposal Form.

Educational level	
1. Foundation Phase (Gr R–3)	4. Further Education & Training (Gr 10-12)
2. Intermediate Phase (Gr 4–6)	5. Teacher Education (pre- & in-service training)
3. Senior Phase (Gr 7–9)	

In the case of research, please state the type of research:	
1. Empirical/ Experimental	4. Ethnographic/Interpretative
2. Statistical	5. Theoretical/Philosophical
3. Case study	6. Action research

Focus themes for presentation:	
1. Indigenous Knowledge Systems	**15.** Reasoning, proof and proving in Mathematics Education
2. Financial Mathematics	**16.** Problem solving and modelling in mathematics education
3. Mathematical Literacy	**17.** Functions and graphs
4. Teaching and learning of geometry	**18.** Numeracy
5. Teaching and learning of probability	**19.** Classroom practice
6. Teaching and learning of algebra	**20.** Geometric and spatial reasoning
7. Teaching and learning of calculus	**21.** Measurement: Focusing on primary education
8. Teaching and learning of patterns and sequences	**22.** Mathematics Education in a multilingual and multicultural context
9. Teaching and learning of fractions	**23.** Mathematics curriculum development
10. Motivation, beliefs and attitudes towards mathematics and its teaching	**24.** Assessment in Mathematics Education
11. Mathematical knowledge for teaching	**25.** Mathematics Education at secondary level and access to tertiary education
12. Mathematics in context	**26.** In-service education; Professional Development of teachers
13. Enhancing learner understanding of mathematical concepts	**27.** Other suitable focus themes not covered here (please state in your presentation proposal form)
14. The use of technology in the teaching and learning of mathematics	

PROVISIONAL PROGRAMME

Wednesday, 14 July 2021

09:00 – 10:30	Opening Ceremony
11:00 – 12:00	Plenary
13:00 – 17:00	Parallel sessions

Thursday, 15 July 2021

09:00	Congress day starts
	AGM
17:00	Congress day ends

Friday, 16 July 2021

09:00	Congress day starts
13:00	Congress day ends

REGISTRATION

Participants will be registered for the AMESA Congress 2021 only after receipt of a completed online registration form (page 14) ***and*** payment of all costs associated with the congress.

The registration fee includes admission to all sessions, copies of the congress programme and the Proceedings.

Since our 2021 Congress is virtual, the registration fee for paid-up members is R500 and for non-members is R500 + membership (see the different categories of membership on page 18.

To register please open the link below, fill in the Registration Form and submit before 30 June 2021:

http://bit.ly/AMESA2021Onlineregistrationform

The form also allows you to keep a copy (which is sent to your own email address)

AMESA membership

Please note:
It is AMESA policy that all participants must be current paid-up AMESA individual or institutional members.

- If you are ***a paid-up member***, please enter your membership number on the Registration Form so that we can check it.
- If you are ***not a paid-up member***, you must complete the AMESA membership application form (see page 18) and pay the appropriate membership subscription fee.

PAYMENT OF CONGRESS FEES

All Congress payments must be paid directly into the Congress bank account. The methods of payments are either an EFT or a cash deposit paid at the bank into the Congress account. Congress bank account details are as follows:

Bank: ABSA
Branch Code: 632 005
Account name: AMESA Congress
Account Number: 9271 293382

REGISTRATIONS, MEMBERSHIP AND PROOF OF PAYMENT FORMS

Please complete the Online Registration Form, and, where necessary, your Membership Application/Renewal Form and send them with proof of payment to the AMESA Congress Secretariat:

- by e-mail to congress2021@amesa.org.za (Preferred! Remember to attach all the forms.)
- by fax to 086 406 3591 (Only if you must!)

Click here to open the Registration Form:

http://bit.ly/AMESA2021Onlineregistrationform

In the online form, you will need to provide the code you used in machining the EFT or Direct deposit. For example. P Smith made a deposit of R500,00 (or R650,00) into the AMESA Congress account. S/he will use the code/reference PSmithCongress2021. This code/reference must be inserted into the online form at the appropriate place.

Note: If your 2021 membership is already fully paid up, then you deposit R500,00. If it is not paid up then you deposit R650,00, which includes the individual membership fee of R150,00. Please see page 18 for other categories of membership, e.g., associate, institutional, other African countries, non-African countries, etc. and the corresponding membership fee.

Please attach and email your completed membership form with proof of payment to:

congress2021@amesa.org.za

The onus is on you to ensure that we receive the relevant information

Note:

- ***Your registration is not complete until we received your full payment, and your AMESA membership is paid.***
- ***You will receive a unique code to access Congress 2021 online.***

Zingiswa Jojo
jojo@amesa.org.za

PRESENTATION PROPOSAL FORM

This form must be completed for every presentation proposal and submitted to the Academic Coordinator.
Note: You may prefer to complete the electronic form on the Congress website.

DEADLINE: ~~**25 April 2021**~~ **20 May 2021**

PLEASE TYPE OR HAND - WRITE BY USING ONLY CAPITAL LETTERS

Type of Presentation (mark one) Long paper ☐ Short paper ☐ How I teach ☐ Poster ☐ Workshop (1 h) ☐ Workshop (2 h) ☐
Title of presentation:
Author(s):
Presenting Author(s):
Contact Details: *The following information should be completed only for the Presenting Authors:* Postal address: City: ……..Postal Code: …… Tel No: ……Cell No: …….. Fax No: …… ...Email: …….
Complete to assist the Programme Committee in finding you an appropriate reviewer Presentation categories (choose relevant numbers from the Table on page 13): Focus Themes (mark at most three numbers from 1 – 28): ____ Educational level (1 – 5): ____ Type of Research if applicable (from 1 – 6): _____
Only for Long PAPERS: Publish my Long Paper in AMESA 2021 Proceedings **YES** ☐ **NO** ☐

Please scan and email this page to our Academic Coordinator, Zingiswa Jojo, at jojo@amesa.org.za

Zingiswa Jojo
jojo@amesa.org.za

REVIEWER FORM

Please complete the form if you are prepared to help review submitted papers for the Congress.

To qualify as a reviewer, you must be a current AMESA member and have presented a reviewed paper (a long or short paper) at previous AMESA congresses, or have published in *Pythagoras* or another reviewed journal.

DEADLINE: 5 April 2021

Note: you may prefer to complete the electronic form on the congress website.

PLEASE TYPE OR HAND – WRITE BY USING CAPITAL LETTERS

Contact Details	
Name:	
Institution:	
Postal address:	
City:	Code:
Tel No:	
Cell No:	
Fax No:	
Email:	

Complete to assist the Programme Committee to match you to appropriate submissions

Presentation categories (choose relevant numbers from the Table on page 13

Please choose at most 4 Focus Themes (1 – 24):

☐ ☐ ☐ ☐

Please choose your preferred Educational Levels (numbers 1 – 5)

☐ ☐ ☐ ☐

Please choose your preferred Type of Research (1 – 6)

☐ ☐ ☐ ☐

Please scan and email this page to our Academic Coordinator Zingiswa Jojo **at** **jojo@amesa.org.za**

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 capital letters

1. **Membership no.** (if renewal): _____

2. **Province:** _____ **Branch:** _____ (if known)

3. **Membership type:** ☐ Individual ☐ Institutional ☐ Associate (e.g. full time student)

4. **Field of interest:** ☐ Primary ☐ Secondary ☐ Tertiary

5. ***For Individual and Associate members only:***

Surname:_____First **Name:**_____ **Title**:_____

Name if Institution: _____

6. ***For Institutional members only:***
Designation of person to whom correspondence should be addressed:

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

Name if 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 you application.

8. **Membership subscription fee:**

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

☐ South Africa, **Individual: R150**
☐ South Africa**, Institution: R450**
☐ South Africa, Associate **(Full-time, pre-service student at a tertiary institution): R50**
☐ South Africa, **Life membership (for individuals only): R3 500**
☐ **Other African countries,** Individual: **ZAR210**
☐ **Non-African countries,** Individual**: USD $80**

Please complete, save (or scan) and email this page to congress2021@amesa.org.za