

THE MARM* MODEL IN NAMIBIA

<https://www.lms-marm.umam-namibia.org/>



* Mentoring African Research in Mathematics

CREDITS



Prof. Dr. FRANK NEUMANN
Chair of the LMS-MARM PROGRAM



Prof. Dr. MARTIN
MUGOCHI .



MARM LOGO



The MARM Partnerships

Each partnership has collaboratively defined its own objectives and priorities specific to the needs of the African institution, as well as its own methods of accomplishing these.

Activities undertaken have included:

- Exchange visits
- Lectures, seminars and workshop series at African institutions
- Joint PhD supervision
- Improvements in library and IT resources at African institutions
- Support for conference attendance (in Africa and internationally)
- Consultancy and advice on developing postgraduate programmes
- Mentoring and support for African postgraduate students with respect to wider academic skills
- Mentoring African early career staff in research and other skills
- Working with African university administrators to improve recruitment
- Improving African departmental structuring
- Working with African institutions to ensure the maintenance of resources for mathematics departments
- Development of research contacts and networking



ROUND TABLE **DECEMBER 8, 2020 | 2.00 pm GMT**

CAN MATHEMATICS HELP US TACKLE PANDEMICS, CLIMATE CHANGE, ECONOMIC INEQUALITY AND OTHER PRESSING ISSUES?"

Nearly 20 years ago **Vladimir Arnold**, speaking about the teaching of Mathematics, declared that¹

"If mathematicians do not come to their senses, then the consumers who preserved a need in a modern, in the best meaning of the word, mathematical theory as well as the immunity (characteristic of any sensible person) to the useless axiomatic chatter will in the end turn down the services of the undereducated scholastics in both the schools and the universities. A teacher of mathematics, who has not got to grips with at least some of the volumes of the course by Landou and Lifshitz, will then become a relic like the one rowdies who does not know the difference between an open and a closed set"

How could we improve math teaching in order to bring benefits to the whole society and improve everybody's life conditions? Is it possible?

IN THE FRAMEWORK OF THE BEGINNING OF 2020-2021 MARM PROGRAM AT UNIVERSITY OF NAMIBIA, WINDHOEK, THE ABOVE HOT TOPICS WILL BE DISCUSSED BY:

- ◆ **PROF. MARTIN MUGOCHI**
Chairman of the Department of Mathematics, University of Namibia
- ◆ **PROF. FRANK NEUMANN**
University of Leicester
Chairman of the MARM Program at the London Mathematical Society
- ◆ **PROF. WANDERA OGANA**
Program Director of the African Millennium Mathematics Scientific Initiative
- ◆ **PROF. PAOLO PICCIONE**
University of São Paulo, President of the Brazilian Mathematical Society
Member of the Executive Committee of the International Mathematical Union
- ◆ **PROF. JOHN AGURE**
Maseno University, School of Mathematics and Applied Statistics
Local MARM referent at the Maseno University
- ◆ **PROF. JOSEPHINE WAIRIMU KAGUNDA**
MARM Referent of University of Nairobi
- ◆ **PROF. GIOVANNI MARELLI**
Italian Researcher at University of Namibia
- ◆ **PROF. WINIFRED MUTUKU**
Kenyatta University, Department of Mathematics and Actuarial Science
Local MARM referent at Kenyatta University
- ◆ **PROF. PHILIP NGARE**
MARM Referent of the University of Nairobi
- ◆ **PROF. PATRICK WEKE**
MARM Referent of the University of Nairobi
MODERATED BY MS BEATRICE SPADACINI
Journalist, Internews Media & Development,
Editorialist of "La voce di New York"

¹With the collaboration of **Letterio Gatto**, MARM recipient 2020-2021

THE ZOOM LINK WILL BE PUBLISHED 2 HOURS IN ADVANCE ON THE WEBPAGE: [HTTPS://MARMLLMS.AC.UK/20-02/MARM-UNAM](https://marmllms.ac.uk/20-02/marm-unam)



Mentoring African Research in Mathematics (MARM)



¹Arnold, V. I., On the teaching of mathematics. (Russian) Uspekhi Mat. Nauk 53 (1998), no. 1316, 229–234; translation in Russian Math. Surveys 53 (1998), no. 1, 229–236 (preprint version available here) <https://arxiv.org/abs/1905.08011>



BEATRICE SPADACINI

Research Project HiDEA

[sign the petition](#)

The aim of the project is to investigate the interdisciplinary connections among the algebra, geometry, physics and combinatorics of **Higher Derivations on Exterior Algebras**.

NEW HiDEA Seminar on **NEW**

Multiplying exterior powers by matrices

by **Ommolhania Behzad**

University of Isfahan

August 3, 2021, 2:00 pm (Windhoek time)

access via the zoom link:

<https://us02web.zoom.us/j/81783056071?pwd=RmtDMHpsSEZwUjR2VHVWZVpHc1lBIQT09>

Abstract. The easiest example of an exterior power of a vector space is the vector space itself, corresponding to the first degree of its exterior algebra. We will show how an exterior power of K^n is a module over the Lie algebra of the $K^{n \times n}$ matrices. To this purpose, we will compute a generating function encoding for the usual multiplication of matrices by vectors and we shall indicated how to perform the same kind of computation for higher exterior powers by using the notion of Schubert derivation. The talk requires a minimum of prerequisites from multilinear algebra.

Meetings' Schedule

Forthcoming meetings will be scheduled soon



SIGFRIED AMUKUGO

HiDEA Project

Provisional
Activity
Plan
(in
progress)

Meeting 005, 2020, September 30,
Exterior Algebras, Exterior Powers and Partitions

Synopsis: Partitions parametrise bases of the exterior powers. Young Diagrams of partitions

[Notes](#)

Meeting 004, 2020, September 23,
Exterior Algebras associated to a Vector Space

Synopsis: The construction and the definition of the exterior algebra supported on the direct sum the exterior powers

[Notes](#)

Meeting 003, 2020, September 09
Towards Exterior Algebras through Exterior Powers

Synopsis: A quick recall on what a derivation of an R-algebra is. Exterior powers of a vector space are introduced through examples and exercises to get familiar with the notion.

[Notes](#)

Meeting 002, 2020, September 02,
Associative Algebras, Lie Algebras. Definitions and Examples.

Synopsis: A quick revision of the notion of algebras over a commutative ring.

[Notes](#)

[Exercise List 002](#)

Meeting 001, 2020, August 25,
An introduction to Hasse-Schmidt Derivations on algebras in general and proposal/description of possible research directions

[Notes](#)

↓
Will we plan any Question Time?

Our Book on Generic Linear ODE

Within the 2021-21 framework of MARM activities we are redacting a book, which is also based on some lectures given in the context of the [HiDEA](#) project.

The book will discuss the way to solve generic linear ODE via purely algebraic methods, involving no analysis and showing applications to neighboring mathematical branches (Algebraic Geometry, Algebra, Theory of Symmetric Functions...)

Coordinator:
[Giovanni Marelli](#)

Collaborators:
[Sigfried Amukugo](#), [Elise Lazarus](#), [Jesse Lichea](#), [Bettina Wilkens](#),
[Ommolbanin Behzad](#)



GIOVANNI MARELLI



ELISE LAZARUS



JESSE LICHELA

WHAT NEXT?

WHAT CAN BE INVENTED MORE?

KEY WORD : INCLUSION



NARM = Networking African Researchers in Mathematics

home

The London Mathematical Society Program on

**MENTORING AFRICAN RESEARCHERS
IN MATHEMATICS**

at the University of NAMIBIA

HOME ABOUT MARM EVENTS ACTIVITIES ABOUT UoNAM OUR TEAM DOWNLOADS

**THE MARM NARM TEAM
(Networking African Researchers in Mathematics)**



Letterio Gatto
2020-2021 MARM RECIPIENT

Associate Professor at Politecnico di Torino, Letterio Gatto, is the recipient of the MARM-LMS grant for the period 2020-2021. His main field of interest is the theory and applications of Hase-Schmidt Derivations on Exterior Algebras, a subject he has introduced in 2005, to provide an alternative more algebraic description of Schubert Calculus. See his personal web-page [here](#).



Frank Neuman
CHAIR OF THE LMS-MARM BOARD

Professor Frank Neuman, presently affiliated to Leicester's University, is currently the Chairman of the London Mathematical Society MARM Board. He is a main inspirer and supporter of the activities pursued at UoNam as well as to the other MARM nodes, which are spread all over Africa. His major research areas are Algebraic Topology, especially homotopy theory, and Algebraic Geometry.



Martin Mugochi
UNIVERSITY OF NAMIBIA

Former Head of the Department of Mathematics of University of Namibia, Ph.D. at the University of South Africa, Martin Mugochi is the MARM referee for UoNam. Together with MARM grant holder Letterio Gatto and Professor Giovanni Marrelli, he stimulates, fosters, promotes all MARM activities. He is the main organizer of the MARM opening activities round table here.

Giovanni Marrelli
MATHEMATICS PROFESSOR,
UNIVERSITY OF NAMIBIA

Professor at University of Namibia at Windhoek, Giovanni Marrelli is one example of the many talents who has fallen in love for the many beauties of Africa, finding there an ideal environment to develop his research activity. He is an expert in mathematical physics and Algebraic Geometry but this has not prevented him to organize and participating of the grant discussion "See Mathematics Help us Tackle Pandemics Crisis"

Ellie Lazarus
MARM PHD STUDENT,
MATHEMATICS DEPARTMENT,
UNIVERSITY OF NAMIBIA

Ellie Lazarus, besides being Assistant Professor teaching and tutoring young students, is currently working on her Ph.D. thesis devoted to investigate some aspects related to perfect spaces, nowadays a very hot topic due to the spectacular achievement obtained by the Field Medal Peter Scholze in developing his p-adic Hodge theory. She is involved in the reduction to a fast track on generic linear ODE and he is the local expert in Young tableaux.

Sigfried Amalunga
MARM PHD STUDENT,
MATHEMATICS DEPARTMENT,
UNIVERSITY OF NAMIBIA

Like Ellie Lazarus, Sigfried Amalunga is committed with activity of teaching and tutoring and in the meantime has begun a Ph.D thesis project regarding the combinatorics of symmetric functions and the theory of Hase-Schmidt Derivations on an exterior algebra, under the personal guidance of holder Letterio Gatto evaluated by the London Mathematical Society. He is actively involved in the reduction of the MARM book on Generic Linear ODE and he is the local expert in Young tableaux.

Jesse Lichka
MATHEMATICS DEPARTMENT,
UNIVERSITY OF NAMIBIA

The web maintenance of the MARM-UoNam page is due to the expertise of Jesse Lichka,

Winifred Mutuku
MATHEMATICS DEPARTMENT,
UNIVERSITY OF NAMIBIA

Winifred Mutuku is the head of Mathematics at Kericho University. Her research

Josephine Waliramu Kagundu
SCHOOL OF AGRICULTURE, UNIVERSITY OF NAMIBIA

Professor Kagundu obtained a Ph.D in Applied Mathematics,

Luca Sam Mauro
UNIVERSITY OF PADUA AND
VIENNA

Professor Luca Sam Mauro was a postdoctoral fellow at the Institute for Discrete Mathematics and Geometry of Vienna University of Technology, where he is turning a four-years research project (2018-2020) funded by the Austrian Science Fund (FWF). For the Year 2020-2021 this is affiliated to the LMS-MARM program at University of Namibia, where he gives research talks and supervises Jesse Lichka interests in Mathematical Logic.

Dipo Adida
DEPARTMENT OF
MATHEMATICS/STATISTICS
INDONESIA

Dipo Adida is a very active researchers working at the Department of Mathematics of the INKONESIA, and he is a very active mathematician in the field of applying mathematics to develop mathematical model for epidemiology. One of his most recent works is about the "Impact of early detection and vaccination strategy in COVID-19 eradication program in Indonesia". He is currently accepted to be affiliated as a collaborate to the LMS-MARM program, to pursue researches aimed to compare the epidemiologic situations in geographical region placed at long distance.

Beatrice Spadolini
MEDIA DEVELOPMENT
SPECIALIST

Marie R. Spadolini (aka Bee), has been the press officer of the LMS-MARM at UoNam from November 2020 to September 30 2021. She is a social justice advocate and a media specialist who has worked in the fields of international development and humanitarian relief for two decades. From 2005 to 2012 she was based in Nairobi as the Regional Information Officer for CARE and later for the European Commission Humanitarian Office. She has also worked for USAID, Amnesty International, and other non-governmental organizations (NGOs)....

Osmondhaini Bezaud
DEPARTMENT OF
DESIGN

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Bettina Wilkens
MATHEMATICS DEPARTMENT,
UNIVERSITY OF NAMIBIA

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Manselish Dehalke
MATHEMATICS DEPARTMENT,
UNIVERSITY OF ADDIS ABABA,
ETHIOPIA

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The
initial

Acres Makuu Kooze
DEPARTMENT OF MATHEMATICS,
INTERNATIONAL UNIVERSITY OF
SCIENCE AND TECHNOLOGY,
BOTSWANA

Professor Semo Miku Kooze is currently working at the Department of Mathematics and Statistical Sciences, Botswana International University of Science and Technology, Botswana, and at the same time is affiliated with the University of Addis Ababa where he is training three Ph.D. Students. He obtained his PhD from Karlsruhe Institute of Technology in the field of Operational Research; his main areas of research are Optimization and Control, Multiscale Decision Systems, and Dynamical

Chloeke Ntshononi
COMMUNICATIONS & SOCIAL
MEDIA UNIVERSITY OF NAMIBIA

I am a self-aware, confident final year MEDIA STUDIES student at UoNAM, committed to academic excellence coupled with practical work experience to better prepare for the formal work environment. Currently I am in charge of the day to day running of the university of Namibia's radio station UoNam radio as an acting production manager. I deal with the technical aspect of running the station such as device maintenance and monitoring as well as incoming and outgoing communications on various platforms.

Leo Tephwa
COMMUNICATIONS & SOCIAL
MEDIA UNIVERSITY OF NAMIBIA

and she is interested in mathematical modeling for Applied Science, especially epidemiology and biological sciences. She is the main bridge for the external cooperation MARM and Ethiopian academics.

Bachelor of Arts (Media) Students

Osmondhaini Bezaud
DEPARTMENT OF
DESIGN

Read more

Bettina Wilkens
MATHEMATICS DEPARTMENT,
UNIVERSITY OF NAMIBIA

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Manselish Dehalke
MATHEMATICS DEPARTMENT,
UNIVERSITY OF ADDIS ABABA,
ETHIOPIA

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MARM
TEAM



The London Mathematical Society Program on
**MENTORING AFRICAN
 RESEARCH in MATHEMATICS**
 at the University of NAMIBIA



Under the High Auspices of



Embassy of Italy
Pretoria



NCRST
NATIONAL COMMISSION
ON RESEARCH SCIENCE & TECHNOLOGY



Politecnico
di Torino

The 2021 MARM-UNAM MEETING
FROM MARM to NARM



[click here for pdf
high resolution](#)

From Mentoring to
Networking
 African Researchers in
 Mathematics

[https://us02web.zoom.us/j/82761114637?](https://us02web.zoom.us/j/82761114637?pwd=YUxISFJFMdIvb3dIM0w3NIN2TjhaZz09)
 Meeting ID: 827 6111 4637
 Passcode: 696419
 Time: Oct 15, 2021 02:45 PM Africa/Windhoek



Deadline: November 2, 2021
 click [here](#) for more

October 15 - 16, 2021



SAVI
MWATILIFANGE

↑
Samuel
Nunqulu

↑
Giulia
Casagrande



LOIDE KAPENDA
EDUCATION OFFICER MANAGER
Ministry of Education



Hideaki HARADA

14/10/2021



ALESSANDRO
MICHELETTI
CONSOLE ONORARIO

Embassy of Italy Pretoria

The 2021 MARM-UNAM MEETING

FROM MARM to NARM

 From Mentoring to Networking

 African Researchers in Mathematics

INVITED SPEAKERS

C. CASAGRANDE (Italian Embassy in Pretoria)

L. GATTO (Politecnico di Torino, 2021 MARM grant holder)

F. GIDEON (Pro Vice Chancellor UNAM)

L. KAPENDA (Ministry of High Education)

M. MUGOCHI (UNAM local responsible for the LMS- MARM program)

W. MUTUKU (Chair of the Keniatta Department of math, Nairobi)

F. NEUMANN (Chair of the AMNRB-IMU-LMS-MARM)

S. NUUGULU (Chair of the Department of Computing Mathematical and Statistical Science)

PIERCUIDO SARTI (Scientific Attaché, Italian Embassy in Pretoria)

C. SIMON (National Council Research Science and Technology)

SCIENTIFIC COMMITTEE

MARTIN MUGOCHI (UNAM, Chair)

LUZINALVA DA SILVA AMORIM (University of Buenos Aires)

ALICIA DICKENSTEIN (University of Matematica Pura e Aplicada, Rio de Janeiro)

WINIFRED MUTUKU (Kenyatta University)

FRANK NEUMANN (University of Leicester)

ANGELIQUE PHILLANDER (National Commission Research Science & Technology, Windhoek)

PAOLO PICCIONE (University of São Paulo)

PIERCUIDO SARTI (Italian Embassy in Pretoria)

ORGANIZING COMMITTEE

GIOVANNI MARELLI (UNam, Chair)

LETTERIO GATTO (Politecnico di Torino)

SIGFRID AMUKUGO (UNam-MARM)

EISE LAZARUS (UNam-MARM)

JESSE LICHELA (UNam-MARM)

LUCA SAN MAURO (UNam-MARM)

BETTINA WILKENS (UNam)

DIPO ALDILA (University of Indonesia)

OHMOBANNI BEHZAD (University of Isfahan)

MANALEBISH DEBALIKE (University of Addis Abeba)

JOSEPHINE WAIRIMU KAGUNDA (University of Nairobi)

FABIO PAGAN (Journalist and Science Writer, Trieste, Italy)

THE EVENT STARTS ON OCTOBER, 15 AT 14.30 (REGISTRATION)

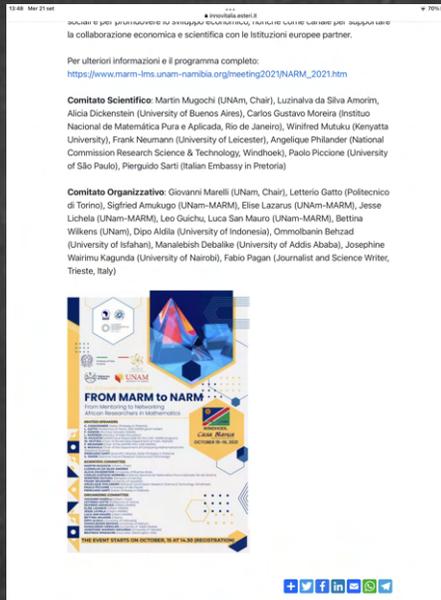
https://www.marm-lms.unam-namibia.org/meeting2021/NARM_2021.htm



CHOOLOWE SIACOHOND

UNAM

LEO TAPIWA / COMMUNICATION & SOCIAL MEDIA (UNAM)



COMUNICATO INNOVITALIA
MAECI

WHAT'S NEXT?

1st NAMIBIAN MATHS OLYMPIADS



NAMIBIA MATHEMATICS OLYMPIAD

REGISTRATION PERIOD
01 - 17 November 2021 at 17h00

OPEN TO LEARNERS
Currently enrolled in Grades 8 - 11

The National Commission on Research, Science and Technology (NCRST) in collaboration with the Namibia Ports Authority (Namport), the Petroleum Training and Education Fund (PETROFUND), the London Mathematical Society, the Ministry of Education, Arts and Culture, the University of Namibia (UNAM), Namibia University of Science and Technology (NUST) invites interested school teams to register to participate in the Namibia Mathematics Olympiad (NMO) 2021.

REGISTRATION: visit www.ncrst.na

Go to Mathematics Olympiad and register to access the competition guidelines and forms.

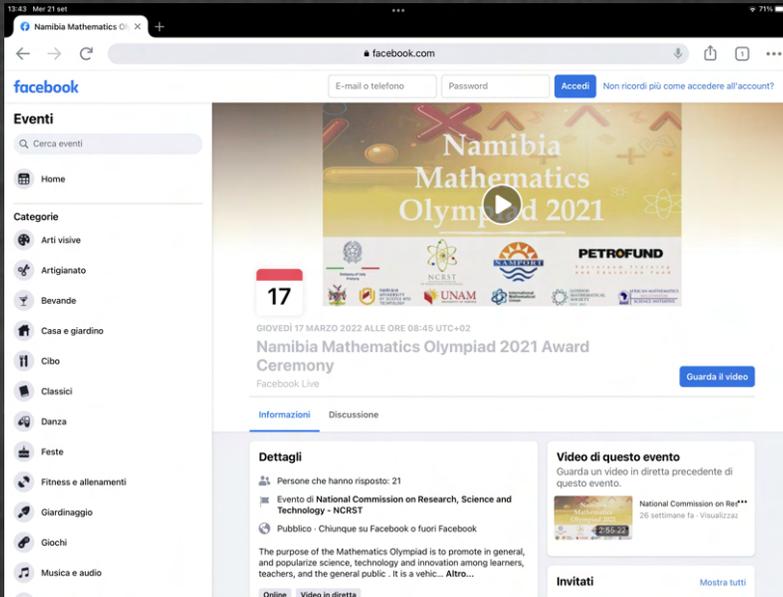
It is mandatory for schools to register their teams to participate in the Mathematics Olympiad which will be conducted virtually through the Mathematics Olympiad online platform.

PRIZES:

Prizes will be awarded for team and individual performances. Participation certificates will be issued to all learners registered.

For more information please contact:

Ms. Generosa Simon or Mr. Johannes Ndjamba at nmo@ncrst.na or call: +264 61 4317 000



facebook.com

17

Namibia Mathematics Olympiad 2021 Award Ceremony

Facebook Live

Guarda il video

Informazioni Discussione

Dettagli

Persone che hanno risposto: 21

Evento di National Commission on Research, Science and Technology - NCRST

Pubblico - Chiunque su Facebook o fuori Facebook

The purpose of the Mathematics Olympiad is to promote in general, and popularize science, technology and innovation among learners, teachers, and the general public. It is a vehic... Altre...

Online Video in diretta

Video di questo evento

Guarda un video in diretta precedente di questo evento.

National Commission on Res**
26 settimane fa · Visualizza

Invitati

Mostra tutti

13:53 Mer 21 set

LMS Supports Namibia

lms.ac.uk

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Home / LMS Supports Namibian Olympiad in Mathematics

LMS Supports Namibian Olympiad in Mathematics

The Society is delighted to announce that it will be providing financial support for the inaugural Namibian Olympiad in Mathematics. Current LMS-Mentoring African Research in Mathematics (MARM) partner, Professor Letterio Gatto (Politecnico di Torino) has been collaborating with colleagues at the University of Namibia (UNAM) with the goal of obtaining support for the Olympiad.

Financial support was secured from the Namibian National Council for Research Science and Technology (NCRST) to host the Olympiad and the LMS-MARM affiliation at UNAM represented by the local academics Professors Martin Mugochi and Giovanni Marelli, was instrumental in providing the necessary expertise and guidance to make this possible.

MARM links African academics with their UK and European counterparts via professional mentoring partnerships. This provides the means and opportunities for African mathematicians to develop international working relationships. The Society believes that enhancing and developing relationships with African academics and students will help ensure that pursuing first rank mathematical careers within Africa will be both an achievable and attractive option. Events such as the Olympiad in Mathematics are one way of fostering the next generation of mathematicians and promoting the benefits of mathematics to young people, one of the core aims of the Society.

More information about MARM is available [here](#). Information about the LMS-MARM UNAM affiliation is available [here](#).

Upcoming Events

Black Heroes of Mathematics Conference 2022

Tuesday, 4 October, 2022
Location: Online, hosted by ICMS

[Meeting details](#)

LMS Popular Lecture 2022

Thursday, 27 October, 2022
Location: University of Birmingham, Bramall Music Building

[Meeting details](#)

Mary Cartwright Lecture and Society Meeting

Thursday, 10 November, 2022
Location: ICMS, Edinburgh, and online

[Meeting details](#)

Publications

Latest Survey Articles in the Bulletin

A survey on deformations, cohomologies and homotopies of relative

13:54 Mer 21 set

Olimpiadi di matematica

innovitalia.esteri.it

< Torna alla lista delle notizie

OLIMPIADI DI MATEMATICA IN NAMIBIA

07/03/2022 - ADMIN sudafrica

Il giorno 17 marzo 2022 si svolgeranno a Windhoek – Namibia – le premiazioni delle prime Olimpiadi namibiane di matematica, organizzate dalla National Commission on Research, Science and Technology con il supporto di diverse organizzazioni scientifiche ed istituzioni governative, tra cui anche l'Ambasciata d'Italia in Sudafrica, che segue anche la Namibia, e diverse università del paese, tra cui UNAM e la Namibia University of Science and Technology.

La premiazione conclude una articolata fase di competizioni svoltesi coinvolgendo le scuole superiori del paese. Diversi gruppi di studenti si sono affrontati nei mesi scorsi in sfide e problemi di matematica. Lo scopo è quello di promuovere lo studio e la conoscenza nel settore della matematica tra gli studenti, incoraggiandoli anche ad intraprendere studi fondati su tematiche di tipo scientifico-tecnologico per i quali la conoscenza della matematica è requisito essenziale.

In questa azione di sensibilizzazione e promozione della cultura scientifica si è fatto parte attiva il prof. Letterio Gatto del Politecnico di Torino, che in Namibia coordina il progetto NARM - Networking African Researchers in Mathematics – realizzato col supporto della London Mathematical Society ed altri partner internazionali tra cui The African Mathematics Millennium Science Initiative e l'International Mathematical Union.

[+](#) [T](#) [F](#) [I](#) [M](#) [S](#) [W](#) [A](#)

Fonte: Addetto scientifico Pretoria
Paese: Sudafrica
SSD: 00 - Diplomazia scientifica, 01 - Scienze matematiche e informatiche

COMUNICATI LMS &
INNOVITALIA.ESTERI.IT

NOWADAYS (ongoing)

THE LMS-MARM PROGRAM PRESENTS

NAISSMA 2022

UNAM THE FIRST EDITION OF THE **NAMIBIA UNIVERSITY**
Namibian International Spring School of Mathematics

Windhoek, Peter Katjavivi Lecture Hall, UNAM
October 23-28, 2022

Invited Speakers

Alessio Corti (Imperial College, London, UK)
Marina Marchisio (University of Torino, Italy)*
Sandile Motsa (University of Swazini)
Luigi Preziosi (Politecnico di Torino, Italy)
Ursula Zich (Politecnico di Torino, Italy)*

*Educational program coordinated by Ludde Kwaenda (Ministry of Education, Namibia)

Scientific Board

Carolina Araujo (IMPA, Brazil)
Fernando Cukierman (University of Buenos Aires, Argentina)
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Paola Frediani (University of Pavia, Italy)
Fredmar Gideon (UNAM, Namibia)
Jaqueline Godoy Mesquita (UNB, Brazil)
Carlos Gustavo Moreira (IMPA, Brazil)
Mitiku Kassa (JUST Botswana)
Winifred Mutuku (Nanyatta University, Kenya)
Frank Neumann (University of Leicester, UK)
Paolo Piccione (University of São Paulo, Brazil)
Piergiulio Sarli (Italian Embassy, Pretoria)

Contributed Talks

Alberto Conte (Accademia delle Scienze di Torino, Italy)
Letterio Gatto (LMS-MARM grant holder and Politecnico di Torino, Italy)
David Iiyambo (NUST, Namibia)
Martin Mugochi (LMS-MARM referent for UNAM, Namibia)
Samuel Nuuugulu (UNAM, Namibia)

Organizing Committee

Sigfried Amukugo (UNAM, Namibia)
Letterio Gatto (Politecnico di Torino, Italy)
Josephine Waitima Kagunda (University of Namibia, Namibia)
Elise Lazarus (UNAM, Namibia)
Jesse Lichela (UNAM, Namibia)
Giovanni Marelli (UNAM, Namibia)
Martin Mugochi (UNAM, Namibia)
Saavi Mwatifange (UNAM, Namibia)
Johannes Ndjamba (NCRST, Namibia)
Samuel Nuuugulu (UNAM, Namibia)
Cherolee Siachopondo (UNAM, Namibia)
Generosa Simon (NCRST, Namibia)

LONDON MATHEMATICAL SOCIETY
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ISMA
EM
Politecnico di Torino
Honorary Consulate of Namibia in Italy
NCRST
EUROPEAN MATHEMATICAL SOCIETY
WALS TYN

Deadline for Applications: September 30th, 2022
Informations: <https://www.lms-marm-sms.unam-namibia.org/> and unammarm@gmail.com

twitter.com/unammarm1

Don't forget:
course for learner

PRECEDED BY

The Second

NAMIBIAN OLYMPIAD OF MATHEMATICS

Sponsored by LMS-MARM

&

Di.S.Ma & PoliTo

FOLLOWED
BY



CIMPA SCHOOL

CONTEMPORARY GEOMETRY

University of Namibia, Windhoek, Namibia
January 16-27, 2023
Registration (deadline October 1, 2022)

COURSES	SPEAKERS
Introduction to Poisson cohomology	Aissa Wade (Pennsylvania State University)
An introduction to hyperbolic geometry	Youngju Kim (Konkuk University)
Probabilistic algebraic geometry	Antonio Lerario (SISSA)
An introduction to sub-Riemannian geometry	Luca Rizzi (SISSA)
Introduction to differential geometry	Morgan Kanga-Penc (University of Namibia)

SCIENTIFIC COMMITTEE	ORGANIZING COMMITTEE
Alicia Dickenstein (Universidad de Buenos Aires), Ludovic Riffort (Laboratoire A.J. Dieudonné Université Côte d'Azur), Carolina Araujo (IMPA), Ugo Bruzzo (SISSA), Bumsig Kim (KIAS), Aissa Wade (Pennsylvania State University), Antonio Lerario (SISSA)	Ugo Boscain (CNRS, LJLL, Sorbonne Université), Giovanni Marelli (University of Namibia), Youngju Kim (Konkuk University), Letterio Gatto (Politecnico di Torino), Luca Rizzi (SISSA), Bettina Wilkens (University of Namibia), Elise Lazarus (University of Namibia)

* Bumsig Kim suddenly passed away in December 2021: he had agreed to be part of the scientific committee of this school with great enthusiasm.

EXTERNAL AND LOCAL COORDINATORS
Ugo Boscain (CNRS, LJLL, Sorbonne Université)
Giovanni Marelli (University of Namibia)



This CIMPA school will be the second of a series of math schools we plan at University of Namibia, of which the first will be NAISSMA 2022, the first Namibian International Spring School in Mathematics, October 24-28, 2022.

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GRAZIE!