



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 that<sup>1</sup>

*"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 Landau and Lifshitz, will then become a relict like the one nowadays who does not know the difference between an open and a closed set."*

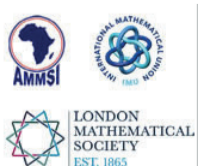
How could we improve math teaching in order to bring benefits to the whole society and improve everybody's life conditions? Is it possible?

**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"

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

THE ZOOM LINK WILL BE PUBLISHED 2 HOURS IN AVANCE ON THE WEBPAGE: [HTTPS://MARM.LMS.AC.UK/20-02/MARM-UNAM](https://MARM.LMS.AC.UK/20-02/MARM-UNAM)



<sup>1</sup> Arnold, V. I., On the teaching of mathematics. (Russian) Uspekhi Mat. Nauk 53 (1998), no. 1(319), 229– 234; translation in Russian Math. Surveys 53 (1998), no. 1, 229–236 (preprint version available here)  
Poster ideated and realised by Sara Oggero