

CIEAEM 70 International Conference

# Mathematics and living together

Social process & Didactic principle

15<sup>th</sup>-19<sup>th</sup> July 2018  
MOSTAGANEM

## REPORT OF THE EVENT

Mostaganem  
cieæm  
70



Djanatu al Arif

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UNIVERSITE  
Abdelhamid Ibn Badis  
MOSTAGANEM



AISA  
ONG Internationale



The 70<sup>th</sup> annual meeting of the CIEAEM symposium ended on July 19<sup>th</sup> at the Faculty of Sciences in Mostaganem. Under the Patronage of His Excellency the Algerian Republic President, Mr. Abdelaziz Bouteflika, this meeting was organized by the CIEAEM (International Commission for the Study and Improvement of Mathematics Teaching), the University of Mostaganem, the Djanatu al-Arif Foundation and AISA International NGO.

In the dynamics of the adoption of the **International Living Together in Peace** Day by the 72<sup>nd</sup> UN General Assembly on December 8<sup>th</sup>, 2017, the theme of this annual meeting «**Mathematics and Living Together, social process and educational principle**» appeared as an obvious fact. Indeed, teaching mathematics is a common grounding for all societies throughout time and space; and now it is essential to involve the scientific field in the development of a «living together in peace society» through its contribution to the educational aspects by integrating the humanistic and social dimension. This subject matter is a remarkable specific feature of this 70<sup>th</sup> meeting coinciding with the 40<sup>th</sup> anniversary of the University of Mostaganem.



The opening session was attended by gentlemen Tahar Hadjar, Minister of Higher Education and Scientific Research, Abdenour Rabhi, Wali of Mostaganem, Mustapha Belhakem, Rector of the University of Mostaganem as well as Ahmed Benzlikha, representative of the Minister of Communication. Mrs. Nouria Benghabrit, Minister for National Education, consistently demonstrated a real interest towards this colloquium which was materialized by the presence of the 116 education authority inspectors representing the whole country wilayas. Her Excellency the Indonesian Ambassador and His Excellency the Palestinian Ambassador attended the opening.





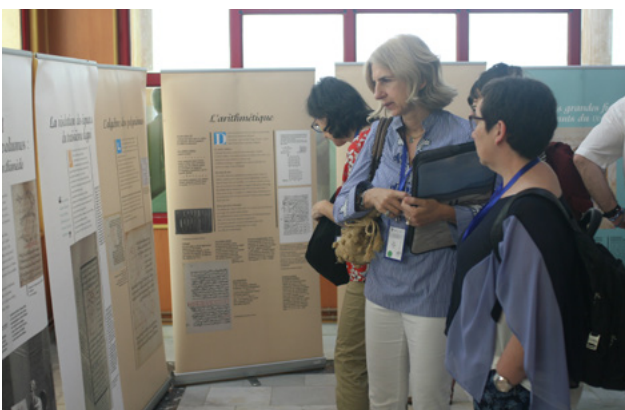
The international academic community was strongly represented by a significant number of scientists coming from 29 universities of 25 countries, as well as from several Algerian universities.



The opening addresses delivered by gentlemen Hadjar, Rabhi, Belhakem, Shaykh Khaled Bentounes and the President of the International Programme Committee of CIEAEM 70, Younès Aberkane (France) have emphasized today the importance of this issue, recalling the key role of mathematics in civilizations that were before us but also their involvement in all sectors of human activity.

The challenge has been to design an innovative way of teaching mathematics that is able to concile this science abstraction and rigour with Living Together in Peace of which our modern societies have a compelling need.

It should be noted that among the participants at this opening ceremony were the Representative of the President of the High Islamic Council, the Representative of the Wilaya of Algiers, the Machayekh of several Turûq (Sufi brotherhoods), the representatives of the Ibadite rite, the representatives of civil society and other guests from regional institutions and local authorities.



*An exhibition about «The Sciences of the Muslim Civilization» was inaugurated on the occasion of the colloquium.*

Several themes were discussed: «Mathematics and living together», «Mathematics and sustainable development», «Mathematics and dialogue with other matter subjects and between teachers and researchers», «Cross-border mathematics» «Reconsider the history of mathematics». Since its creation CIEAEM has been endeavouring to improve the quality of teaching and learning mathematics, an issue that calls upon those in charge of the sector who are confronted with a «worrying dropout” of pupils in mathematics.

During this colloquium, several plenary lectures were conducted by eminent Algerian professors, such as Prof. Benzaghrou, Prof. Aissani and Prof. Bebouchi, as well as international professors, such as Prof. Sokhna (Senegal), Prof. Appelbaum (USA), Prof Stathopoulou (Greece), Prof Arzarello (Italy).

During the symposium, four working groups were moderated by foreign academics so as to discuss the aforementioned subject matters. These profitable and fruitful work have gave rise to results shared with all the contributors during the last day.





During this meeting, the participants called upon to give a lead to peace and hope and spread it on a wide scale at universities and all countries in order to initiate and provide impetus for a new dynamic process for living together, which is developing day by day.

As for the vision of the relationship between mathematics and living together, it was clarified with the participants who noticed the involvement and the embedding of mathematics in our daily life: mathematics that seemed to be abstract and distant, we practice them everyday in all our actions without noticing it.

Building on this present momentum, an adapted methodology and pedagogy are required to give back to our children the taste for mathematics in living together peacefully.

The participants, particularly the mathematics education authority inspectors, hoped that meetings with training courses would be organized so as to work on ethical, moral and spiritual values education to define the media to be used, such as textbooks, multimedia resources, games or ICT (Information and Communication Technologies for Education).

The wish made by the Rector and his fellows staff is to create a Chair of the Culture of Peace. While there are Academies for all kinds of activities, there is unfortunately no Academy dedicated to Peace.

The Gala Dinner held at the headquarters of the Djanatu al-Arif Foundation in Mostaganem brought together more than 500 guests to celebrate the 70<sup>th</sup> CIEAEM session and the 40<sup>th</sup> anniversary of the University of Mostaganem. The evening was hosted by «El Amel» band, the Foundation's Arab-Andalusian music school which was celebrating its 10<sup>th</sup> anniversary.



*A half-day trip was scheduled to help discover the rich Algerian heritage. A visit to the Alawiyya zawiyya was followed by the Hippodrome of Mostaganem with a Fantasia show which pleased the participants.*



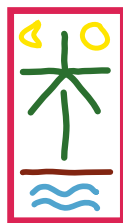
The organization of this colloquium was provided by 184 volunteers, for reception, accommodation, catering, transportation, communication, services and maintenance. Without them this event could not have been held and we thank them warmly, as well as all our sponsors and the local authorities who supported us.



We would also like to thank the media that covered this event, radio, newspapers, national television and private media.







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