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## Preface

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## V International Meeting of Mathematical Education

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The objective of the V International Meeting on Mathematics Education (V IMME) is to create and maintain a space that privileges and promotes the culture of mathematics, reflection and discussion on the education and application of mathematics, statistics, its history, evolution and didactics, and its interrelation with the sciences. At the meeting, researchers, scientists, and mathematics teachers socialize the results of research, consolidate networks for the exchange of successful experiences, to strengthen mathematics education at different educational levels, promote innovation and encourage the creation of policies, models, educational strategies, tools, and techniques in various areas of mathematics. They also promote innovation and encourage the creation of policies, models, educational strategies, tools and techniques in different areas of knowledge, and foster students' interest in research.

This academic space has been maintained, so in the first semester of 2017 the First International Mathematics Education Meeting was held, with the presence and participation of teachers, students and professionals from different university, basic and secondary education institutions. During the Summit, researchers carry out activities such as, master conferences, short lectures. In this year 2021, the thematic areas in this meeting were: Mathematics education for science and engineering, Physics-mathematics applied to medicine, Modeling, simulation, and diagnostics, Applied physics-mathematics, Mathematics and statistics, Application of physiochemistry, Computer science, Origami.

Since 2017, the community, especially the students and graduates of the master's program in Mathematics Education have participated and strengthened their action thanks to the meetings and networks that this event fosters, on an annual basis, thus achieving, each year, the integration of researchers, students, teachers and businessmen from countries such as Colombia, China, Italy, Belgium, Spain, Mexico, Argentina, Chile, Brazil, Ecuador, Venezuela, among others. It is a valuable opportunity for educators and researchers in mathematics from all over the world to learn more about the development in the promotion of mathematics education, he said that the generation of knowledge is framed in the way of understanding the world, in the logic that is always understood from the perspective of the author, in education research showed the dissemination of knowledge, the generation of models and applications in science.

The Mathematical Education Meeting, since its first version, has had the purpose of promoting the scientific productions of the professionals, projects of scientific analysis of complex data in multidisciplinary situations, fulfilling one of the strategic objectives of the University, therefore the diffusion of the advances and results of the research, of the mathematical education and of the engineering, that allows to strengthen the academic programs and contributes to the integral development of the students and future professionals. V IMME was held from 21 to May 22, 2021, at the San José de Cúcuta city, Colombia, organized by the Universidad Francisco de Paula Santander.



Researchers participating in the meeting stated that the generation of knowledge was framed in the way of understanding the world, in the logic that is always understood from the perspective of the author, from the viewpoint and current generation, because the generation frames the way of being in the world and becomes dominant or hegemonic, in education research showed the dissemination of knowledge that explained phenomena of human behavior through scientific dissemination modify the way of behaving, so the academic work disseminated contrasted the practice and reality that is desired to modify.

The editor hopes that those interested in the area of Mathematics Education for Science and Engineering can enjoy this reading, of the volume of the Journal of Physics: Conference Series (JPCS), which reflects a wide variety of current issues. "Mathematics is everywhere".

*“Education and expression freedom for anyone”.*



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China
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