

## **Advancements of Medicine and Health Care through Technology**

On behalf of IFMBE and my own, I am honored to be invited to speak at the 8<sup>th</sup> International Conference on Advancements of Medicine and Health Care through Technology to be held in Cluj-Napoca, Romania.

As a member and current President of the **International Federation for Medical and Biological Engineering** (IFMBE), I am glad to see that there is a will and enthusiasm to organize such an important Conference which aims to provide opportunities for Romanian and foreign experts and professionals to exchange their research results, experiences and know-how and in addition to build up collaboration in one of the most complex fields of science and technology - biomedical engineering.

Let me convey my appreciation and support to the Romanian National Society for Medical Engineering and Biological Technology for succeeding to create a series of Conferences over past years, for recognizing the importance of Biomedical engineering in present time and for inviting the biomedical engineering community to be part of this scientific adventure. The research results presented at this conference are being repeatedly published in the IFMBE Proceedings Series. The Proceedings of the MEDITECH2022 Conference will contribute to the body of knowledge in biomedical engineering which we all are building for a number of decades.

Since its founding in 1959, IFMBE has in sixty+ years grown from a group of enthusiastic researchers, engineers and physicians into the world largest society based association in the field of biomedical engineering.

IFMBE unifies the world-wide Medical and Biological Engineering Community in promoting health and quality of life through the advancement of research, development, application and management of medical devices and technology. Engineering jobs are directly present in medicine and health care, primarily through research, development and manufacturing of medical products, devices and systems, but is increasingly encountered in clinical settings.

IFMBE has a close association with the **International Organization of Medical Physics** (IOMP). Together, these two international bodies have established the umbrella organization **International Union for Physical and Engineering Sciences in Medicine** (IUPESM). The principal objective of IUPESM is to contribute to the advancement of physical and engineering sciences in medicine for the benefit and wellbeing of humanity. These two organizations coordinate the World Congress on Medical Physics and Biomedical Engineering every three years.

**International Union for Physical and Engineering Sciences in Medicine** (IUPESM) is a **member of International Science Council** (ISC) which works under the auspices of UNESCO (United Nations Educational, Scientific and Cultural Organization).

The International Science Council (ISC) is a non-governmental organization with a unique global membership that brings together over 200 international scientific unions and associations as well as national and regional scientific organizations including academies and research councils.

The IFMBE is also a Non-Governmental Organization (NGO) for the United Nations and the **World Health Organization** (WHO), where it is uniquely positioned to influence the delivery of health care to the world through biomedical and clinical engineering activities and points of view.

In the end, on behalf of IFMBE and my own I would like kindly to thank all the participants, sponsors and members of the scientific and organizing committees for their hard work and dedication to make this International Conference happened and who made it possible once again that we hear each other and enjoy in the exchange of knowledge and experiences.

Ratko Magjarević  
President, IFMBE