

INTERNATIONAL CONFERENCE ON NANOTECHNOLOGIES AND BIOMEDICAL ENGINEERING – ICNBME-2011



The International Conference on Nanotechnologies and Biomedical Engineering (ICNBME-2011, see <http://www.icnbme.sibm.md/>) was held in premiere in Chisinau, Republic of Moldova on July 7–8, 2011, bringing together 150 participants from 17 countries, including Germany, France, Great Britain, Spain, Switzerland, USA, Japan, Israel, Romania, Russia, Ukraine, Moldova etc. The participants at the event – physicists, chemists, electronic engineers, medical doctors, ICT professionals – discussed the latest achievements in research and applications in the fields of nanotechnologies, nanomaterials and biomedicine. This event was aimed at boosting the exchange of information and initiation of new scientific projects at the intersection of nanotechnology and biomedical engineering.

The International Scientific Forum was opened by corresponding member Ion Tiginyanu, vice-president of the Academy of Sciences of Moldova and chairman of the ICNBME-2011 Programme Committee. He expressed his gratitude to all guests who have honored the invitation to participate in such a large scale multidisciplinary event, taking place in Chisinau for the first time. Welcome speeches were presented by Mr. Mihai Moldovanu, viceprime-minister of the Republic of Moldova, acad. Gheorghe Duca, president of the Academy of Sciences of Moldova, Dr. Berthold Johannes, the Ambassador of Germany to Moldova, Mr. Mihai Slehtitchi, Minister of Education, acad. Ion Bostan, Rector of the Technical University of Moldova, and acad. Ion Ababii, Rector of the State University of Medicine and Pharmacy "Nicolae Testemitanu". Note that the ICNBME-2011 was hosted by the State University of Medicine and Pharmacy which provided excellent conditions for all contributors to the international multidisciplinary event involved.

On July 8th the related German-Moldovan Workshop on novel nanomaterials for electronic, photonic and biomedical applications took place. The Workshop was supported financially by the Alexander von Humboldt Foundation. Dr. Berthold Johannes, the Ambassador of Germany to Moldova, highly appreciated the level of scientific cooperation between the two countries, noting also a number of new possibilities, including those generated by the association of the Republic of Moldova to the EU 7th Framework Programme.

Among other related events one can mention the Ceremony of awarding the title “Honorary member of the Academy of Sciences of Moldova” to Prof. Hans Ludwig Hartnagel from the Technical University Darmstadt for his outstanding contribution to the development of German-Moldovan scientific collaboration. The Ceremony was attended by members of the Academy of Sciences of Moldova, Dr. Berthold Johannes, the Ambassador of Germany to Moldova, well-known foreign researchers, in particular by Prof. Hidenori Mimura, Director of the Research Institute of Electronics, Shizuoka University, Japan.

The ICNBME-2011 was organized by the Academy of Sciences, State University of Medicine and Pharmacy "Nicolae Testemitanu", Technical University of Moldova and the Moldovan Society of Biomedical Engineering. It also served as an excellent opportunity for disseminating information about the European project MOLD-ERA (www.mold-era.eu), its goals and achievements. Note that on July 3-7, 2011 the first Summer School in nanotechnology and biomedical engineering "Nano-Bioengineering-2011" was held at the Technical University of Moldova as an important event organized with the support of the FP7 project MOLD-ERA. The Summer School "Nano-Bioengineering-2011" brought together 30 young researchers and students, selected through competition from various research institutions of the Academy of Sciences of Moldova, State University of Medicine and Pharmacy "N. Testemitanu", Technical University of Moldova, research institutes of the Ministry of Health and representatives of the business sector. Besides, the first round of Proposal Writing Workshops in the framework of FP7 MOLD-ERA project was held on June 29 – July 6, 2011 at the Academy of Sciences of Moldova and State University of Medicine and Pharmacy "N.Testemitanu". The purpose of the Workshops involved was to prepare and assist the researchers in better understanding the rules and regulations of FP7 and in writing successful proposals.

The International Conference on Nanotechnologies and Biomedical Engineering and the related German-Moldovan Workshop on novel nanomaterials for electronic, photonic and biomedical applications were attended by scientists, businessmen and representatives of sponsors. It had a significant resonance in the local mass-media, promoting nanotechnologies and contributing to the implementation of a technological culture in the society.