Foreword

It is our great pleasure to welcome you at the 14th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics – NBC-2008. The Conference is held every third year in one of the Nordic-Baltic countries under the auspices of the International Federation for Medical and Biological Engineering and traditionally brings together scientists not only from the Nordic-Baltic region, but from the entire world.

Modern Biomedical engineering is dynamic, boosting field of science, benefiting from its intrinsic interdisciplinary nature. That is why the Conference brings together scientists from medicine, chemistry, physics, engineers and computer scientists as well as people from education and business to enjoy the meeting under the motto "Cooperation for health".

Gratitude should be expressed to the members of the International Scientific Committee of the Conference. With the invaluable help from the International Advisory Committee they composed the Program of the Conference, ensuring its scientific quality and relevance to the up-to-date needs. Special thanks to the Local Organizing Committee and to our sponsors, that made Conference happen.

For the first time NBC comes to Riga – the capital city of Latvia, the city of crossroads, rich in its scientific and cultural traditions. During all its 800 year history, Riga connected people from North and South, East and West. By hosting NBC-2008, Riga made one further step on this way. In June, you will enjoy green parks and alleys of the city and feel charming spirit of close Baltic Midsummer.

We are sure you will enjoy NBC-2008 both scientifically and socially, and we do our best to make NBC-2008 an outstanding event.

We are looking forward to meeting you in Riga.

Associated Professor Alexei Katashev

President of the Latvian Medical Engineering and Physics Society, Co-Chairman Professor Yuri Dekhtyar

Riga Technical University

Co-Chairman

Professor Janis Spigulis

University of Latvia

Co-Chairman