

## Preface

It was a great pleasure for me and my colleagues from the AGH University of Science and Technology to hold this edition of EUROTHERM seminar.

The seminar ensured a forum for the exchange of new ideas and recent research accomplishments in the field of multiphase flow and heat transfer among the scientists from Eastern and Western Europe, the United States, and other countries. The 101 EUROTHERM Seminar maintained the tradition of the International Conferences on Transport Phenomena in Multiphase Systems "HEAT & year", which were initiated in 1996 by Prof. M.E. Poniewski (The Kielce University of Technology) and his colleagues. The main purpose of the meeting remained the same idea – to provide an opportunity for specialists, particularly from Poland and EU countries to exchange ideas and present recent achievements to colleagues of the profession from all over the world.

The conference has been planned as middle size designated scientific meeting during which participants had an opportunity to give oral presentations and take part in discussions. We believe that such way of dealing with scientific matters will provide new contacts, extremely needed for scientists from Central European countries, the newcomers in the European Union. The organizers trust that the conference may contribute to the further development of international cooperation in the field of modeling and experimentation of multiphase flows.

New findings in transport phenomena in multiphase systems are essential for many fields of technology. The number of papers and variety of topics proves the significance of research work in modeling and experimentation of multiphase systems.

Members of the Organizing Committee made every effort to assure that the conference venue would provide appropriate background for scientific work and social events. On the occasion of your visit to Krakow we wished to show you a southern part of our country, our customs and our friendly attitude to foreign guests.

Finally, we greatly appreciate the cooperation provided by the members of the Scientific Committee and invited scientists in evaluation of contributed papers.

M.E. Poniewski  
T.M. Wójcik  
R. Pastuszko