

## **PREFACE**

This year the Faculty of Mathematics and Informatics (FMI) at Plovdiv University “Paisii Hilendarski” – the first standalone faculty in the near-fifty-year history of the university – is becoming 40 years old. It is this anniversary that conference “Research and Education in Mathematics, Informatics and their Applications – REMIA 2010” is dedicated to.

The conference will start with the discussion “Mathematics and Informatics – Today and Tomorrow”. The discussion will be presided at by Acad. Prof. Blagovest Sendov DSc, Acad. Prof. Petar Kenderov DSc, Acad. Prof. Ivan Popchev DSc, Acad. Prof. Petar Popivanov DSc, and Acad. Prof. Stefan Dodunekov DSc.

The international scientific committee reviewed the received scientific works, and selected for publishing 14 invited talks and 51 scientific papers, divided into four sections: Mathematics, Informatics, Education in Mathematics, and Education in Informatics and Information Technologies.

With scientists and lecturers from Finland, France, Ireland, Mexico, Portugal, Romania, Russia, Ukraine, the United Kingdom, USA and Bulgaria, the Anniversary International Conference “REMIA 2010” is a scientific educational forum of international significance.

An anniversary talk by the Dean of FMI will open the celebrations of the 40<sup>th</sup> birthday of the Faculty of Mathematics and Informatics.

It is my pleasurable duty to thank the members of the International Scientific Committee for the preparation of the proceedings and the complete scientific program of the conference. Special gratitude is due to the secretary of the International Scientific Committee – Asst. Prof. Angel Golev.

I express my gratitude to the organizers for their hard work and for the wonderful conditions for holding the Anniversary International Conference “REMIA 2010”. Special thanks to our sponsors for their substantial support.

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Prof. Asen Rahnev  
Chairman of the  
International Scientific Committee