

From the Editor-in-Chief

In September 2014 we accepted the proposal sent by Prof. **Xiao-Jun Yang** (Department of Mathematics and Mechanics, China University of Mining and Technology, Xuzhou, Jiangsu), Prof. **Dumitru Baleanu** (Department of Mathematics and Computer Sciences, Faculty of Art and Sciences, Cankaya University, Ankara), and Prof. **Gongnan Xie** (School of Mechanical Engineering, Northwestern Polytechnical University, Xi'an, Shaanxi, China), to prepare jointly the special issue of the journal *Thermal Science*, dedicated to the **NON-LINEAR DIFFUSION MODELS IN HEAT AND MASS TRANSFER**, containing a special collection of articles devoted to the 60th birthday of Prof. Jordan Hristov.

National Editorial Board of the journal *Thermal Science* accepted this proposal with great pleasure, having in mind the great research contribution of Prof. Jordan Hristov, not only in the fields of the heat and mass transfer but also in developing the quality of our journal.

My pleasure was even greater since with Prof. Hristov I had many discussions in the past, and he approved himself as a sincere friend of our journal and a reliable friend of me.

History of our co-operation with Prof. Jordan Hristov is long and successful. Prof. Jordan Hristov has been involved in discussions about the difficulties in publishing and advertizing the journal *Thermal Science*, practically from the very beginning, in second part of the 90s. We met each other many times on different Symposia held in Bulgaria, former Yugoslavia, Serbia, and Macedonia, devoted to fluidized bed technologies and in general, to the problems of heat and mass transfer in energy production, chemical and process engineering. Also, one of the main topics of our discussions was co-operation of the scientists from South East European countries, and how to present to the world scientific community the best scientific results achieved in countries of the South East Europe.

One of the main ideas, and the most important result of my discussions with Prof. Hristov was: to suggest to National Editorial Board of the journal *Thermal Science*, and to the Society of Thermal Engineers of Serbia, to give the journal a regional character. In 2003, this idea has been proposed, and accepted on the 4th International Symposium of the South East European countries, held in Thessaloniki, Greece. Regional Editorial Board has been formed having 11 members from Bulgaria, Greece, Croatia, Bosnia and Herzegovina, Montenegro, Macedonia, Romania, Turkey, Slovenia, and Serbia.

As a member of the Regional Editorial board of the journal *Thermal Science*, Prof. Jordan Hristov, greatly contributed to further development of our journal by advertizing it among scientists in South East European countries, and in other countries where he has been working in the last decade (Spain, Brazil, China, *etc.*).

But most importantly, Prof. Jordan Hristov had important scientific influence on the publishing policy of our journal, proposing new scientific topics to be included in our editorial policy. Mainly, his influence on our editorial and scientific policy was by proposing special issues and fine selection of papers for issue where he has been Guest Editor (alone or with other distinguished scientists). Best insight into his contribution to the refinement and spreading of our editorial policy can be seen if you look at the list of Special issues (Supplements) of the journal *Thermal Science*:

1. 2006, Vol. 10, Issue 1, dedicated to Prof. Adrian Bejan and his **Constructal Theory of Design in Engineering and Nature**; Guest editors: **Ventsislav D. Zimparov, Jordan Y. Hristov**,
2. 2007, Vol. 11, issue 2, dedicated to **Processes in Fires**; Guest Editor: **Jordan Y. Hristov**,
3. 2009, Vol. 13, issue 2, dedicated to **50th Anniversary of the Goodman Heat-Balance Integral Method**; Guest editor: **Jordan Y. Hristov**,
4. 2012, Vol. 16, issue 2, dedicated to **Fractional Calculus to Heat, Momentum, and Mass Transfer Problems**; Guest editor: **Jordan Y. Hristov**,
5. 2013, Vol. 17, issue 3, Part I, dedicated to **Analytical Methods to Non-Linear Heat Transfer and Diffusion**; Guest editors: **Jordan Y. Hristov, Mohammed El Ganaoui**.

Prof. Hristov also published, alone or with some co-authors, 18 scientific papers in *Thermal Science*.

I am deeply grateful to the Guest editors Prof. Dumitru Baleanu, Prof. Xiao-Jun Yang, and Prof. Gongnan Xie, for their excellent selection of papers dealing with *NON-LINEAR DIFFUSION MODELS IN HEAT AND MASS TRANSFER*, and presenting capabilities of the **analytical methods in non-linear heat transfer and diffusion, especially since Prof. Jordan Hristov made significant efforts to promote the analytical methods in his Special issues of the journal *Thermal Science*, and also in his intensive scientific activity.**

I am sure that selected papers will greatly help the scientists and engineers in solving many fundamental and engineering heat and mass transfer problems using the modern non-linear diffusion models and analytical models in general.

In the name of the National Editorial Board, and in my name, we wish best wishes to Prof. Jordan Hristov, for his 60th Anniversary, and we are very sure that he will continue his scientific activity, and fruitful co-operation with our journal.

June 10th, 2015
Belgrade

Prof. Simeon Oka, Ph. D.
Editor-in-Chief