

From the Editor-in-Chief

It is a great pleasure to have possibility to publish papers written by young scientists, even more if they have already been recognized by the international scientific community. We have honor to open 1st issue of the journal *Thermal Science* in 2012, with an interesting essay written by Marko Popović: **There are two twin shadows, but Einstein is one.**

This essay is a shortened version of his paper: **The Fairytale about the Old and Young Twin and its Thermodynamic Solution**, presented last year at the **66th North American Calorimetry Conference (CALCON 2011)**, held in June 2011 at Kahuku, Oahu, Hawaii, USA, and awarded by **The William F. Giaque Memorial Award**.

Professor William F. Giaque received the 1949 Nobel Prize in Chemistry for his contributions in thermodynamics, and the William F. Giaque Memorial Award was established to recognize his outstanding mentoring ability by encouraging student participation at the Calorimetry Conference.

Marko Popović is presently a student of the Faculty of Chemistry at the University of Belgrade in Serbia. From his scholar days he has been showing an enthusiastic interest to think and analyze philosophical and physical mysteries of the thermodynamics, both, reversible and irreversible, relativistic and non-relativistic, and has published several papers in scientific journals and gave his contributions to the scientific conferences.

Thermal Science Editorial Boards, recognizing scientific interest of Marko Popović, and with the aim to support his further scientific development, published a few years ago his fascinating, intriguing, and controversial contributions, when he was yet in secondary school (**Laying the Ghost of Twin Paradox**, *Thermal Science*, Year 2009, Volume 13, Issue 2, pp. 217-224 and **Equation of State in Form which Relates Mol Fraction and Molarity of Two (or More) Component Thermodynamic System Consisted of Ideal Gases, and It's Applications**, *Thermal Science*, Year 2010, Volume 14, Issue 3, pp. 859-863).

By publishing his new paper as the first one in this issue, we congratulate him for his scientific progress.

*
* *
*

The latest information for readers

In the last several years the journal *Thermal Science* journal has been permanently developing, both in terms of the number of submitted and published papers, and in terms of the paper's quality. In order to meet the requirements of the authors, we increased number of paper per issue up to 25-28, and number of pages of the issue up to 320. Still, the period provided for reviews and for publishing accepted papers has remained too long. Last year we also tried to publish a Supplement 2, to overcome too long waiting period for a number of papers submitted back in 2010.



As well, the interest for publishing special issues devoted to important and interesting dates or conferences increased. In 2012 we already accepted to edit two Supplements. Supplement 1, 2012, will contain selected papers presented at the forum Renewable sources and clean energy technologies, organized by the Faculty of Technical Sciences, University of Novi Sad, Serbia. Supplement 2 is devoted to the 50th Anniversary of the Mechanical engineering Faculty, University of Niš, Serbia, with papers representing scientific activity of the faculty staff.

In co-operation with the National Engineering Laboratory for modern Silk (Shanghai, China), and Prof. Ji-Huan He, this year will be preparing the 5th issue of the journal *Thermal Science* devoted to **Nanoscale Flow and Thermal Effect for Nanofiber Fabrication**.

Starting from 2012, *Thermal Science* will be issued 5 times a year.

In order to be able to improve quality of the journal *Thermal Science* in the future faster, we asked several internationally recognized scientists to join our editorial boards. I welcome Prof. Ji-Huan He from Nantong Textile Institute, National Engineering Laboratory for Modern Silk, Suzhou, China (in International Advisory Board), Assoc. Prof. Alina Adriana Minea from Faculty of Materials Science and Engineering, Iasi, Romania (in Regional Editorial Board), and Prof. Stojan Petrović from Faculty of Mechanical engineering, University of Belgrade, Serbia, as well as, Dr. Nenad Milošević from the Laboratory for Thermal Engineering and Energy, Vinča Institute of Nuclear Science, University of Belgrade (in National Editorial Board), by best wishes to enjoy in their efforts to improve our activities in making the *Thermal Science* better.

April 2012

Prof. Dr. Simeon Oka
Editor-in-chief

Supporters and Sponsors of the journal *Thermal Science*



**Ministry of Education and Science of
the Republic of Serbia, Belgrade**



**Society of Thermal Engineers of
Serbia, Belgrade**



**Laboratory for Thermal Engineering
and Energy,
Vinča Institute of Nuclear Sciences,
University of Belgrade, Belgrade**



**Serbian Chamber of Engineers,
Belgrade**