

## FROM THE GUEST EDITORS

*On May 28-30, 2012, the Workshop on European Collaboration on Higher Education and Research in Nuclear Engineering and Radiological Protection (CHERNE 2012) was held in Athens, Greece, under the auspices of the Nuclear Engineering Department of the National Technical University of Athens, in collaboration with the CHERNE Network. This is the eighth in a series of annual workshops first launched in 2005 in Valencia, Spain, then continued again in Valencia the following year (2006), followed by Prague, Czech Republic (2007), Favignana, Italy (2008), Julich, Germany (2009), Coimbra, Portugal (2010), and Brussels, Belgium (2011).*

*As had been the case with the previous workshops in this series, CHERNE 2012 was promoted by the network of European Universities for the Cooperation of Higher Education on Radiological and Nuclear Engineering (CHERNE) – an open academic network focused on the development of educational and scientific co-operation among institutions in the field of nuclear sciences. Like its predecessors, CHERNE 2012 provided a forum for exchange and discussion of the most recent research achievements of the participants, and an opportunity to foster scientific collaboration within this field.*

*CHERNE 2012 included participants from six countries, presenting nineteen scientific papers, of which ten have been published in the present supplement. Another thirteen papers on educational issues were also presented. CHERNE 2012 participants were drawn not only from the ranks of the member institutions of the network but also from the ranks of non-members – academic and non-academic. The participants' contributions covered all the workshop topic areas while emphasizing nuclear metrology techniques, radiation protection, power generation systems, medical applications, etc.*

*The Guest Editors wish to express their gratitude to all those who contributed to the success of the workshop: especially to the National Technical University of Athens, but also to the organizing and scientific committees for their own participation in the preparation of the event, and to the referees who kindly reviewed the manuscripts submitted for publication in this supplement. We would also like to thank the Greek Atomic Energy Commission for sponsoring specific activities that formed part of this, the highly successful eighth Workshop on European Collaboration on Higher Education and Research in Nuclear Engineering and Radiological Protection.*

*Guest Editors*

*Professor Marios Anagnostakis  
Professor José Ródenas*