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## It was said...



## PROFESSOR JERZY BUZEK

### President of the European Parliament

“(…) Europe can continue to export stability, the European state model, and promote respect for rights and freedoms. But if we are not strong, we will quickly become a small European bridgehead flooded by powerful waves coming from less democratic value systems. We can promote the European social model, which puts the individual in first place, or build walls that cut us off from systems that put the good of the powers that be before the good of the individual. We must be strong internally because it is only through our internal strength and unity that we can make possible the effective external action that is important for our citizens and for the whole world. We have shown that we can lead the way when it comes to climate change and tackling the financial crisis. We have shown, too, that our model of diplomacy and cooperation works – and works excellently within our Europe – and that diplomacy and economic cooperation are better than military intervention, although that too is successfully undertaken by the EU where necessary. I strongly believe that our model of pooled sovereignty and political and economic solidarity can serve as a global model. But for that to succeed we need partners who, together with us, will defend our interests and our values. Only then will we achieve in the international arena the goals that unite all the free nations of the world. (...)”

From the Address at the Humboldt University in Berlin, Germany on 22<sup>nd</sup> March 2010.

# Editorial

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In many cases in Editorials of the next issues of this AMSE journal important conferences that have taken place or are planned are presented. In this issue CIMTEC 2010 – 12<sup>th</sup> International Conference on Modern Materials and Technologies which took place in Montecatini Terme, Tuscany, Italy, on 6<sup>th</sup> to 18<sup>th</sup> June 2010 is presented. CIMTEC 2010 consisted of the 12<sup>th</sup> International Ceramics Congress (6<sup>th</sup>-11<sup>th</sup> June) and of the 5<sup>th</sup> Forum on New Materials (13<sup>th</sup>-18<sup>th</sup> June), each of them including a number of Symposia, Focused Sessions, and Conferences. Montecatini Terme is a spa-town in Tuscany, Italy, situated in a direct neighbourhood of Florence, Lucca and Pisa, being famous monuments of architecture and culture. Montecatini Terme is an Italian district of ca. 21,000 inhabitants within the province of Pistoia in Tuscany. It is the most important centre in Valdinievole. The town is located at the eastern end of Piana di Lucca and has a strong vocation for tourism, as well as industrial and commercial industries based around the spa, which in turn has increased the interest for hotel accommodation in the region. Here tourism is the main activity: every year 200 hotels sell 2 million overnight-stays for travellers who want to see the city amenities and to take short trips to the nearby art-cities. Many entertainments such as concerts, fairs, ballrooms, art exhibitions and other festivals attracts the local and the tourist in a well organised and pleasant agenda. This charming town reconfirms its role as the capital of thermal treatments and spas, where a vacation can be spent in total relaxation to recover one's full well-being. Flourishing green parks, thermal establishments fully equipped with state-of-the-art technological facilities, a long-dated hotel tradition: a whole set of win-win solutions able to guarantee visitors the most pleasant stay. I am convinced that the delegates of CIMTEC 2010 International Conference noticed the beauty enchanted in this city which certainly bewitched both them and me. In their spare time they could admire the beauty of Italian Tuscany. As a major long standing event for the international materials community, CIMTEC was as usual a large and qualified audience of materials scientists, physicists, chemists and engineers as well as experts of a wide range of the most demanding application areas of modern materials, from information technology to biological systems. CIMTEC 2010 devoted a special attention to most relevant directions for materials research based on a new theory and refined modelling strategies and on the ever increasing opportunities offered by the continuous remarkable progress in nanoscience and nanotechnology. Outstanding areas of the subject were covered, from the molecular and nanoscales to large complex integrated systems. Special focus of the Forum on New Materials applied the new re-



search findings to the development of a number of sustainable energy technologies from advanced fossil fuel energy cycles including CO<sub>2</sub> sequestration, to nuclear energy, to photovoltaic power generation. a General Chair CIMTEC Conferences was Pietro Vincenzini – a Chairman of the World Academy of Ceramics, and a Co-Chairs of CIMTEC 2010 – Akio Makishima, the President of the International Ceramic Federation and Robert P.H. Chang, the General Secretary of the International Union of Materials Research Societies. In the Plenary Sessions of the 12<sup>th</sup> International Ceramics Congress Richard Catlow, UK, Yet-Ming Chiang, USA and Sumio Iijima, Japan gave invited lectures. In turn in the Plenary Sessions of the 5<sup>th</sup> Forum on New Materials invited lectures were given by Andre Geim, UK, Takuzo Aida, Japan and William A. Goddard III, USA. According to the relations of the delegates the Conference was very successful and it was regarded as a scientific and organisational success.

I made a note of that fact with the satisfaction and in that way congratulate the Organisers. I would like to pass the consecutive regular issue of the AMSE to the Readers with hope that they evaluate positively the papers published there, and we encourage PT Authors to submit their works for the publication in the next issues.



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