

A WORD FROM OUR EDITOR-IN- CHIEF

NON-CONVENTIONAL TECHNOLOGIES IN BALANCE AND RESONANCE WITH NATURE

Prof. Eng. & Ec. Mihail Aurel TITU, Sc.D. & Ph.D

The International Conference of Nonconventional Technologies 16th Edition – ICNcT 2013 which took place in Sibiu during June 12-15, 2013 has brought new challenges in the field of non-conventional energies study, challenges brought by the problematic debated within the works presented in plenum and in the conference's sections.

The Sibiu conference has re-confirmed the idea that the organizers, specialists in the science of non-conventional energies, have expressed, namely that in the last years by the study, usage and perfection of the energy supply sources and the processing of raw materials, the non-conventional energies have begun to be more and more... conventional.

And if twenty-thirty years ago, the chemical industry, the cosmetics industry put out on the market products that brought improvement on the quality of life, but manufactured with a prejudice brought on nature which we see only today, presently, the materials and matters that are part of our lives have become softer, nature and human life friendly precisely by the proliferation of preoccupations in the field of using non-conventional technologies and energies.

The non-conventional energy sources have received and will continue receiving a higher and higher importance within the energetic systems from all around the world because of the research effort and political will involved in their development, and because of the increase of the price of the energy obtained through traditional methods. Through these sources, by using them, we are in balance with nature.

We resonate through the thermal solar energy, through the photo-voltaic solar energy. We remain in resonance with the primordial element, water, making full value of the kinetic and potential energy of the waters, the energy of tides, the energy of waves, the geo-thermal energy that comes from the heart of the earth.

The results of the researches obtained in the field of non-conventional technologies will bring a plus of value to daily life, will offer the possibility to give the future generation a clean planet, an Earth protected by reducing the exploitation of natural deposits, a non-altered atmosphere.

The distinguished speakers have presented in Sibiu the results obtained through intellectual and human efforts in the field of electric erosion, electric erosion with contact breakage, erosions with water jet, plasma, laser erosions. An important chapter was dedicated to the other technologies that support non-conventional technologies.

The presentations demanded applauses, have generated congratulations and they were followed by interesting discussions. Retrospectively, I come back to a thought I have expressed in a previous issue of our magazine: Under the conditions in which states, governments, developers and investors from different fields are looking for the most efficient strategies for making activities more efficient in relation to reduction of costs and energy consumption, researches in the field, acknowledged and patented inventions, the results of the research centres and institutions in the field of nonconventional technologies become sure solutions.

The field of non-conventional technologies will offer as a gift to present and future humanity a balance with the host planet that gives life, protection and wellbeing.