

# MICRO AND NANOTECHNOLOGIES BULLETIN

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In this issue:  
Romanian activities  
in new materials,  
micro and  
nanotechnologies - a  
potential for  
European  
co-operation (III)

This is the third and the last issue (from a number of three, consecutive, Nos. 1-3/2002) devoted mainly to the presentation of the Romanian potential for European co-operation. This number was postponed from September to October, in order to include information related to the "Micro and Nanotechnology Week" taking place in Sinaia, Romania (6-12 October 2002). The issue is "dedicated" to the "European Research 2002" Conference taking place in Brussels (11-13 November 2002), an important event launching FP 6 and ERA.

Editor-in-Chief

Excerpts from the Message of the Research Minister at the beginning of the "Micro and nanotechnology week" (Sinaia, Romania, 6-12 October, 2002)



The science and engineering of materials, micro and nanotechnologies represents a multidisciplinary applied research field requiring the participation of specialists from extremely varied domains, such as: a) fundamental sciences: physics, chemistry, biology, mathematics; b) engineering (electronics, communications, automata, computers, electrical engineering, chemistry, mechanics, metallurgy, aviation), medicine. In all these fields there are achievements in this country, some of them being recognized as such in the world.

Aware of the importance of this domain, the Ministry of Education and Research has launched within the National Plan for Research, Development and Innovation, the programme "MAINNIECH" with a view to supporting the increase of economy competitiveness and sustainable economic development through:

- Approaching research and development activities related the technologies with revolutionary effects on sustainable development;
- Consolidating and developing a field of research and development with an important potential in innovation and in the increase product quality and competitiveness. This field, appearing from the domain of information technology and communications, has a

reinvigorating effect on every economic field by manufacturing technical systems and subassemblies based on the storage and transmission of information;

- Concentrating some competencies and resources from the field of science and technology around issues with a strong interdisciplinary, synergetic and innovating character, allowing to create scientific partnerships between research units, universities and economic agents with a view to extending the national scientific, technological and innovation patrimony;

- Creating conditions for a more efficient participation of the Romanian research in the European Union programmes by a better correlation with the present (national) programmes and with the latest tendencies marking the future programmes;
- Valorization of the national human potential by international co-operation.

Although the objective proposed within the programme are generous, the fulfillment is possible only within a partnership among the state authorities, civil society, economic agents and you, scientists.

I express my firm belief that maintaining an attitude of confidence towards science and at the same time, in the scientist, we will succeed in preserving what we have inherited and in providing the transfer of this asset to the future generations, achieving our personality and integrating as a successful nation at a world level.

I wish all of you every success !

Serban Constantin Valeca - Minister Delegate (for Research)

Edited by

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[www.int.ro/2002/MNT-Bulletins/MNT.htm](http://www.int.ro/2002/MNT-Bulletins/MNT.htm)