

NANOtechnology research center for new MATerials and FABrication processes NANOMATFAB

National Seminar "New chances for European programs participation"
organized by NANOMATFAB consortium,
December 20th, 2004

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- **NoE** (Networks of Excellence), priority 2
- **NoE** (Networks of Excellence), priority 3
- **IP** (Integrated projects), priority 3
- **Marie Curie Network**

PATENT – Design for Micro & Nano Manufacture (Packaging, Test and Reliability Engineering in Micro & Nanosystems Technologies) - **NoE** priority 2

AMICOM – Advanced MEMS for RF and Millimeter Wave communications - **NoE** priority 2

NANOFUN-POLY – Nanostructured and Functional Polymer-Based Materials and Nanocomposites **NoE** priority 3

4M – Multi-Material Micro Manufacture: Technologies and Applications - **NoE** priority 3

NANO2LIFE – A network for bringing NANOTEchnologies TO LIFE - **NoE** priority 3

POLYSACCAHRIDES – European Polysaccharide Network - **NoE** priority 3

INSIDE-PORES – In Situ Study and Development of Processes Involving Nanoporous Solids - **NoE** priority 3

SOFTCOMP – Soft Matter Composites – An Approach to Nanoscale Functional Materials - **NoE** priority 3

PINCO – Performance Improvement of Coatings for Fostering European Competitiveness and Promoting Sustainable Development

STEPS – A Systems Approach to Tissue Engineering Processes and Products - **IP** priority 3

AMPLE – Advanced Functional Materials Produced by Pulsed Laser Deposition and Related Methods

ASSEMIC – Advanced Handling and Assembly in Microtechnology - **Marie Curie Network**

BIOMAHE – Biodegradable Polymeric Materials for Health and Environment - **Marie Curie Network**

NANOMATFAB Consortium

The 7 organisations in the NANOMATFAB consortium are involved together in 17 FP6 projects in the nanotechnology domain, as coordinators or partners: 1 Integrated Project (IP), 9 Networks of Excellence (NoEs), 1 STREP, 4 Specific Support Actions (SSA), 2 Marie Curie.

The NANOMATFAB partners attendance to thematic courses at national or international level - 4 in Romania, 4 in Europe. NANOMATFAB organized, on December 20th, 2004, the National Seminar "New chances for European programs participation". The network's members presented the possibilities to extend the cooperation in integrated projects and networks of excellence, at European level.

NANOMATFAB is a virtual research center in the field of nanotechnology, made of a multidisciplinary research centers network operating in the fields of engineering (micro- and nanotechnologies), physics and chemistry.

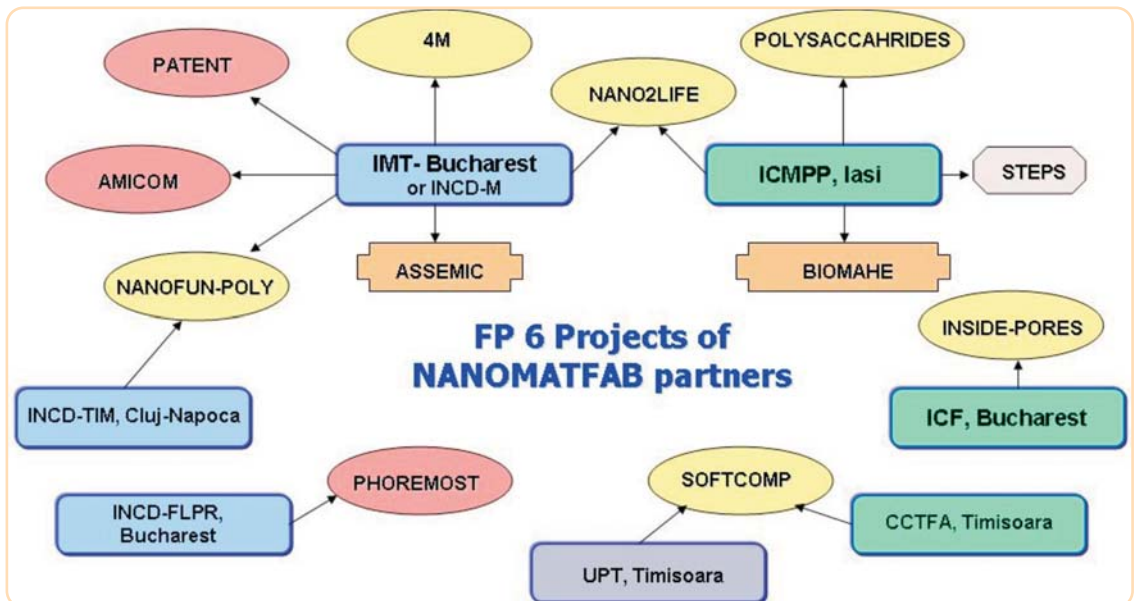
The Center's main field of activity will be nanotechnology scientific research for developing new materials and new fabrication processes.

Its mission is concentrating and developing the internal resources at national level in the field of nanotechnologies and orienting them toward applications. These developments will take place in the context of participating at FP6 and integrating in ERA.



Dr. Rodica Turcu, National Institute for R&D of Isotopic and Molecular Technologies, Cluj-Napoca, Romania

Presented the "NANOFUN- POLY (Nanostructured and Functional Polymer-Based Materials and Nanocomposites) Network", priority 3 (NMP).



Objectives:

- Cooperation in scientific research in the field of nanotechnologies, with applications in developing new materials and new fabrication processes;
- Assuring the connections between the Romanian scientific community and the European research;
- Cooperation in developing the field's strategy (project financed by the MATNATECH program between 2003-2004);
- Cooperation in making the technology transfer basis on national scale, by extending the network with other partners, including industrial ones. NANOMATFAB is composed of research units that had a first success in participating in FP6 (integrated projects and networks of excellence). The 7 consortium partners are involved in different international projects (7 projects), and all of them are within the field of nanotechnology, covering nanomaterials and nanostructures.

Web page: <http://www.nano-link.net/nanomatfab/>

Mrs. Letitia Stanila, National Contact Point for Priority 3 NMP-FP6, Ministry of Education and Research, Romania.



Presented the "Romanian Participation in Fp6 priority 3 (NMP); Results and new chances for participation"