

**ROMNET-ERA news****ROMNET-ERA (EU project) events:**

On the 2<sup>nd</sup> of June, 2005, in Timisoara, it has been held the symposium "**Romanian Research and European Integration in the field of high materials and technologies**". This event is sponsored by the Ministry of Education and Research, University "Polytechnic" of Bucharest, West Association for Multidisciplinary Research- ACM-V

and Commerce Chamber, Industry and Agriculture Timisoara- CCIAT.

On the 3<sup>rd</sup> of June, 2005, in Bucharest, The ROMNET-ERA Network has organized an presentation called "**New Materials and Technologies in CEEX Programme**". After a short description of this programme, the participants were invited to presents an offer regarding their participation in this competition. CEEX Programme.

**ROMNET-NANO network**

**ROMNET-NANO Network** is the **National (Romanian) Micro and Nanotechnology Network** sustained by the **ROMNET-ERA** European project (<http://www.romnet.net/nano>), as a first of a set of four networks supported by ROMNET-ERA.

ROMNET-NANO was "showed-up" as a national network at the Global Nanotechnology Network (GNN) meeting taking place in Saarbrucken, Germany, on 25-27 May 2005.

The network web page presents general information about the network, the members from Romanian centres active in "micro" and/or "nano" field, short description of institutions; events, publications, databases, useful links, other Romanian networks, support EU projects, international networks, projects or initiatives, EU projects involving Romanian partners.

There are two subjects of high interest for this network:

First, the new EU Framework Programme: **Towards FP 7: Preliminary principles and orientations ...** with a special touch for "nano" and secondly, the new Romanian research programme (on topics related to FP7): **CEEX**.

**Databases:** Databases related to research institutions and equipments related to nanotechnologies have been created during the strategy project related to "New Materials, Micro and Nanotechnologies" field, coordinated by IMT-Bucharest.

New databases for researchers and research centers / groups /laboratories have been created in the ROMNET-ERA project financed by EU (and coordinated by IMT-Bucharest). More than 50 Romanian centers are grouped in the ROMNET-NANO network. The above databases are open to any qualified individual ([www.nano-link.net](http://www.nano-link.net)).

The same databases are used not only for Romania, but also for Eastern Europe in general (this activity is supported by the MINAEAST-NET European project, also coordinated by IMT).

**Nanoeducation**

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**NANO EDUcation Seminar: Education and Training in Nanotechnology and Nanoscience for Romanian European Integration, May 10, 2005**

**Organised by the Ministry of Education and Research, with the logistical support of the ROMNET -ERA European project (coordinated by IMT-Bucharest).**

**Topics:**

Presentation of existing experience regarding organization of Master of Science in Nanoscience domain (for students)

Training by research in frame of Research Networks (MATNANTECH Programme, Marie Curie Networks) (for students and researchers)

Dissemination of basics information about NANO in the High Schools

NANOEDUCATION Romanian group involves: 34 participants from 6 National R&D Institutes, 5 participants from 3 R&D Institutes of the Romanian Academy, 30 participants from 14 Universities, 1 participants from High School.

**"Nanomedicine": a group of interest**

**NanoMedicine** is an emerging and quickly moving field with strong fragmentation and a lack of coordination. The need for a ETP has been identified by external stakeholders in order to: **establish a clear strategic vision in the area, to identify research priority areas, to set up a strategic research agenda, to mobilise public and private investment, to alleviate fragmentation in nano-medical research and to strengthen innovation in nano- biotechnologies for medical use.**

IMT created an **interest group** – „**Nanomedicine Romania**” - with 22 participants from 10 National R&D Institutes, 5 participants from 3 R&D Institutes of the Romanian Academy, 3 participants from other 3 R&D Institutes, 17 participants from 11 Universities, 6 participants from 6 SMEs, 2 participants from 2 hospitals (June 2005).

The **contact** address for Nanomedicine Romania is [nanobio@imt.ro](mailto:nanobio@imt.ro).

The exchange of information (including electronic databases and a special e-Room space for interaction) is provided by the ROMNET-NANO network ([www.romnet.net/nano](http://www.romnet.net/nano)), supported by the ROMNET-ERA EU project (coordinated by IMT). Contacts with the Electronic Technology Platform have been established.

**Global Nanotechnology Network (GNN) (<http://www.globalnanotechnologynetwork.org>)**

ROMNET-NANO (see above) was represented as a national network at the **Global Nanotechnology Network (GNN)** meeting taking place in Saarbrucken, Germany, on 25-27 May 2005.

This **was** the third in a series of workshops set up to plan and organize the development of a Global Nanotechnology Network (GNN) to promote international collaborations and facilitate the exchange of scientific, technical and educational information in the field of nanotechnology.

International nanotechnology leaders will work together to generate practical plans for building the GNN.

This dynamic development process is expected to energize interactions and create novel synergies among scientists, educators and government representatives from all parts of the world.

This third workshop **was focussed** on building the GNN through four major instruments:

- ◆ Presentation of the state of art of the international nano network activities
- ◆ Creation of a global nanotechnology database
- ◆ Collection of and decision on research topics for the Global Research
- ◆ Gallery (GRG) in Nanotechnology
- ◆ Development of nanotechnology course / instructional topics

**Workshop "Research-Training in Nanosciences and Nanotechnologies: Current Status and Future Needs"**

During **14th - 15th of April 2005**, in Bruxelles, The European Commission organized the workshop "**Research-Training in Nanosciences and Nanotechnologies: Current Status and Future Needs**".

The aim of this meeting was to review the current state-of-the-art in nanotechnology research-training, facilitate an effective exchange of information and "best practice"; to assess the current and future needs for research organisations and industry; and finally to develop proposals for possible followup initiatives at European level.

Some of the speakers: **Raffaele Liberali** (Human Resources, Mobility and Marie Curie Actions), **Ezio Andreta** (Industrial Technologies), **Bruno Schmitz** (Head of Unit "Research Training Networks", DG Research, European Commission), **Renzo Tomellini** (Head of Unit "Nanosciences and Nanotechnologies", DG Research European Commission).