

## European Plastics & Electronics Sectors LINK – Partnering for new RTD opportunities

Technology Transfer Centre, Cracow University of Technology is a partner in the project LINK. The LINK Network is offering a free service designed to help plastics & electronics SMEs and FP6 RTD Project coordinators cooperate within Integrated Projects or Specific Targeted Research Projects (Streps). LINK has specific expertise in the plastics and electronics sectors which will enable the network to:

#### Help project coordinators to:

- Assess SME opportunities within the project
- Find SMEs with the right expertise for their submitted project
- Identify relevant SMEs to expand the scope of their funded project
- Integrate SMEs into their partnership with minimum effort.

#### Help plastics and electronics SMEs to:

- Identify projects to take their technology forward
- Create business opportunities on a European scale
- Network with major RTD players
- Access the latest technologies
- Integrate into FP6 projects with maximum impact for them

The European Commission has clearly encouraged major RTD players and SMEs to partner within FP6 projects. LINK is taking a 'bottom-up, top-down' approach to this challenge, by offering support to IP coordinators and SMEs alike, with the aim of successfully matching the right SMEs to the right projects.

The network will achieve this by selected methods, including specific awareness-raising events, dedicated one-to-one support and an on-line match-making service.

Drawing on a combined wealth of knowledge and experience, the 20 members of the LINK network know both the benefits and the challenges of preparing and consolidating a consortium; this project aims to facilitate the process by providing direct assistance to IP coordinators and SMEs. LINK is committed to the success of Streps or Integrated Projects that take technology forward with small and medium sized enterprises – the backbone of the European economy.

For more information about the LINK support:

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# MARINA 2005

## “The International Technology Transfer Day in MARitime and NAVigation field”



The event is organized by **IRC MEDIA** and **CIRCE** in collaboration with the IRC network.

It will be held in Palermo – on 30th September 2005 as part of “The 1st International Forum for Technologies in Maritime and Navigation field”. This four day event, from 29th September to 2nd October 2005, is hosted by “Camera di Commercio Industria Artigianato e Agricoltura di Palermo”.

Today the increasing interest in tourism and the cooperation policies between the different Mediterranean countries together with the commercial exchanges are the principal factors to promote a process of integration and development. The nautical sector is a growing sector in Sicily and this year many events will be held in October. Palermo will host the forum about the tourism of Mediterranean Islands organized by INSULEUR the network of Insular Chambers of Commerce and Industry of EU, in parallel Trapani (120 km from Palermo) will host the Louis Vuitton Cup as part of America's cup.

The **MARINA 2005** Technological Transfer Day is going to be organised in this context.

A transnational event focused on a very broad technological sector can be an opportunity for companies, universities and research centres to meet each other and to exchange innovative solutions. In order to better focus the event, the technologies involved for the nautical sector and for the nautical tourism in the Mediterranean will be:

- Industrial manufacturing, material and transport technologies
- Electronics, IT and telecommunications
- Transport and shipping technology
- Construction technology
- Environment (environmental engineering/technology, remote sensing technology, water pollution/treatment)
- Shipbuilding
- Design and interiors design

The event will bring together suppliers and users of technology and know-how from all over Europe to discuss solutions and new opportunities (collaborations in FP6 projects as well) for the future. Its aim is to initiate collaborations, to promote the transfer of know-how and the industrial application of the scientific results in the maritime and navigation field.

For this purpose, participants will have the opportunity to present technology offers or technology requests in a catalogue. Bilateral meetings will then be pre-scheduled, according to individual delegate interests, between seekers and providers of technology. Meetings will be a 1-day collateral session to “The 1st International Forum in Maritime and Navigation field”.

The event is already on the IRC Intranet web:

<http://www.ircnet.lu/src/events/viewdetails.cfm?EventID=1241>

<http://irc.cordis.lu/bemt/home.cfm?EventID=1241>

We would be very pleased to have your organization as partner of the event. We kindly request your presence at the TTDAY and some of your clients (SMEs, Universities, Research Centres, etc...)

involvement with technologies profiles to be inserted in the catalogue. After registration at the address: <http://irc.cordis.lu/bemt/registration.cfm?eventid=1241> you can insert your profiles using the following link: <http://irc.cordis.lu/bemt/profilereg.cfm?eventid=1241>

The event is free of charge.

Please confirm us your intention on becoming a partner by the end of March.



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# Denmark in the 6th – a success case framework programme

Denmark newly became represented within REGInNET by EuroCenter. Denmark has success within the 6<sup>th</sup> Framework programme and experience to offer. The framework programme is popular in Denmark, as Danish companies and institutions participate in a high number of projects.

## *Denmark is No.1*

The statistics of the first year of FP6 show that Danish participants are active in 13,6% of all projects. Considering the size of population (5 mio.) this makes Denmark the most active participant of the framework programme. In this statistics Finland holds a second position, and Sweden is no. 3.

The Danish participation is largest in the Food programme, where Denmark is represented in 33% of the projects. Other strongholds are within Sustainable Development, Global Change and Ecosystems and Life Sciences, where 25% of the projects are with Danish participation. The smallest participation is within the Aero programme, an area, where Danish research is funded by other sources.

## *SMEs dominate in Denmark*

The Danish position is notable despite an industry, that is dominated by small companies and R&D investments, which only account for 2% of the GDP. However, Denmark has some strong positions in specific markets on a European and global level, among them the food industry and environmental technologies.

The reason for the Danish success is strong research institutions, internationally oriented active small companies and some research based large companies. All of these parties are strongly EU oriented and aware of the possibilities.

## *EuroCenter*

EuroCenter has a role to play within the support network of the Danish participation. EuroCenter is mainly financed by the Ministry of Science, but it functions to a large degree independently of the Ministry. EuroCenter informs the R&D based industries about the possibilities within the EU through a web page, newsletters, conferences and directly to individual companies. All these activities are provided on a free-of charge basis. However, payable long term tasks are carried out for companies and institutions.

## **More information:**

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## **Especially for SMEs in the field of life sciences**



EuroCenter, a new Danish partner of REGInNET, is also involved in "SMEs go Lifesciences", a EU project aiming at assisting SMEs and researchers interested in participation within the EU's 6<sup>th</sup> framework programme for life sciences.

SMEs within the EU and candidate countries can free-of charge achieve assistance through the project:

- A free-of charge data base, where partners can find each other
- Training in matters related to EU projects
- Information and support in all phases of a EU project: Establishment of consortium, preparation of applications and financial/legal matters
- Involvement of incubators
- A regular newsletter

The web site of the project is the central initiative of the project: [www.smesgolifesciences.org](http://www.smesgolifesciences.org)

The background of the project is the need of more SMEs in the Life Sciences priority of the Framework programme. The project is managed by FFG/BIT (Research Promotion Agency) in Austria. It started in March 2004, and the EU funding amounts to 1,73m EURO covering 68% of the project costs.

## **More information:**

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# 14th International Conference on Surface Modification of Materials by Ion Beams - SMMIB 2005

Conference' to be held in Kusadasi, Turkey , 04 - 09 September 2005.

The International Conference on Surface Modification of Materials by Ion Beams - the SMMIB - is a conference series that began in Manchester, UK, in 1976. This biennial conference held in various locations around the world is the major international forum for the world ion beam material surface modification community to present and discuss results and applications in this rapidly emerging science and technology.

The purpose of the conference is to provide the researchers, engineers, and business managers associated with this field with a forum so that they can exchange their research information and share their results and experience.

Physicists, material scientists, and engineers from universities, research institutes, and industrial laboratories participate in this important biennial meeting to present their own research results, learn of up-to-date research results of their colleagues, and to discuss topical scientific problems. Recently the scope has been extended to other materials, including polymers and ceramics with the exception of semiconductors.

The scientific and technical content of the SMMIB 2005 Conference will emphasize novel technologies such as biomaterials and nanocomposites in addition to industrial applications and emerging research topics. Engineers and material scientists from industry are particularly encouraged to participate. In addition to the technical program, there will be an industrial exhibition with interesting new developments.

The meeting is particularly relevant to the application of ion beam surface modification to emerging technologies for novel industrial areas of utilization. Benefits of the meeting go two ways - from the world research community to industry via reports describing the most recent laboratory results, and from industry to the world research community in this field via the presentation of new available instrumentation.

You can visit the conference web site at: [www.smmib05.net](http://www.smmib05.net)

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## "The Project Circle: Technological, Administrative Financial and Juridical Aspects of the FP6/IST Project Preparation and Completion"

Organized jointly by the Ministry of Transport and Communications of Bulgaria and the Information Society and Media Directorate General of the European Commission (EC). This seminar will take place in Sofia on the 5-6 April 2005. The target countries are Bulgaria, Romania, Turkey and the countries of the neighbourhood policy but participants from any other country associated with the IST Priority of FP6 will be welcome. More information about the event as well as registration and accommodation forms can be found on: [www.bulgaria-gateway.org/ist/](http://www.bulgaria-gateway.org/ist/)

The seminar is oriented to (1) researchers, who write proposals, and (2) to people who are "responsible" for dissemination of information at the state level.

Attendance is free but the participants have to cover their travel and subsistence costs. This is quite an unique opportunity to receive a comprehensive training of all the processes connected to obtain project funding from the IST programme, being given by experienced Commission officials and other recognised experts.

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## POLAND

Title : Conception and construction of coordinate measuring device capable to perform measurements on products of nanotechnology

### ABSTRACT:

A team of researchers from the Department of Mechanical Engineering at Cracow University of Technology intend to construct measuring device, which will be able to perform coordinative measurements of nanotechnology's products with the accuracy at the level of 50nm. The aim of the project is to improve the metrological parameters of existing coordinate measuring machine (PMM 12106) to achieve demanded accuracy.

### DESCRIPTION:

A team of researchers from the Department of Mechanical Engineering at Cracow University of Technology intend to construct measuring device, which will be able to perform coordinative measurements of nanotechnology's products with the accuracy at the level of 50nm. The aim of the project is to improve the metrological parameters of existing coordinate measuring machine (PMM 12106) to achieve demanded accuracy. Modifications of the machine should include elaboration of new measuring probe head (investigating of performance of sensors with capacitance gauges, strain gauges, combined tactile-optical probe heads or development of new conception), modification of software and controllers, embedding new length gauges (three interferometers to measure displacements in three axes of the machine) and so on. The research group has already gained an industrial partner and is now looking for more academic and industrial research partners for finalising a proposal under the FP6 call FP6-2004-NMP-TI-4.

Development stage : Proposal Under Development

Target partner expertise sought : Research Centres or companies with experience or interests in developing mentioned machine, experience in metrology (coordinate-metrology preferred) area. <b>Description of the work carried out by the partner sought:</b> Manufacturers of nano-products as a potential recipients of developed device and elaborated methodology of measurements. Support in elaborating of new types of probing heads for micro-cmm. Support in construction new length gages for machine or application of existing ones (for example: plane mirrors interferometers or volumetric interferometers). Participation in construction and evaluation of the accuracy of the device.

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