



Romanian Government  
Ministry of Education and Research  
National Authority for Scientific Research



Automation engineering & IT  
IPA CIFATT Craiova:  
Technology and Business Incubator



Romanian IRC 4D



The Chamber of Commerce  
and Industry of Romania

## CATALOG of PROFILES

### Brokerage event “Technology Transfer and Innovation on benefit of SMEs”

4 – 5 October, Bucharest, Romania,

during  
the Research Fair, [www.mct.ro](http://www.mct.ro)  
INVENTIKA [www.expoinventika.ro](http://www.expoinventika.ro)  
and TIB - Bucharest International Fair <http://www.tib.ro/>

The Brokerage Event have the support of Romanian Agency for Scientific Research, Chamber of Commerce of Romania, EIFN: Energy Sector Innovation-Financial Network, ARoTT Romanian Association for Technology Transfer and Innovation, ARIES – Romanian Association of Electronic and Software Industry, ROCA Network.  
More information, on the web site: <http://www.ipacv.ro/brokerage>

The IRC Network was established in 1995 and is partly financed by the European Commission. It supports innovation and transnational technology transfer in Europe with a range of specialised services.  
The services of the IRC Network primarily target technology-oriented SMEs as well as universities, research institutes, larger companies and technology centres.  
The network involves more than 1,000 people located in 250 offices in 33 countries - 27 EU Member States, Iceland, Israel, Norway, Switzerland, Turkey and Chile.  
For further information about the network please visit: <http://irc.cordis.lu>

#### Co-organisers:



#### Support to promote the event:



## **Technology Offers**

### **• Environment and Renewable Energy**

#### **(Romania)**

Gravity engine (Ref: 07 RO RISC 0H20 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22104&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22104&org=417)

System for measurement of the quantity of excavated material in open pits (Ref: 05 RO RISC 0DI0 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17496&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17496&org=417)

Vapour engine (Ref: 06 RO RISC 0GB2 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21134&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21134&org=417)

Magneto-electrical generator (Ref: 06 RO RISC 0FIC )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20100&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20100&org=417)

Installation for water energising and stimulation of plant growth (Ref: 05 RO RISC 0DHY )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17494&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17494&org=417)

Hydrotechnic constructions (Ref: 06 RO RISC 0GIV )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21415&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21415&org=417)

Computerised decision-making assistance system to monitor and analyse the quality of the environment (Ref: 05 RO RISC 0DHZ )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17495&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17495&org=417)

SCADA system for monitoring environmental parameters under industrial risk conditions (Ref: 05 RO RISC 0DI2 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17498&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17498&org=417)

Installation and procedure for monitoring pH and fluoride concentration in atmospheric air (Ref: 07 RO RISC 0ID5 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23801&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23801&org=417)

Design and execution of a hydroelectric mini power plant providing prevention/reduction of flood and draught phenomena (Ref: 07 RO RISC 0IG5 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23909&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23909&org=417)

Device for heat exchanger thermal power increase, 06 RO RIAP 0GR8

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21716&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21716&org=415)

Efficient procedure for gas compression and equipment to apply this procedure. Energetic installation with gas turbine using this procedure, 06 RO RIAP 0GG2

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21314&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21314&org=415)

Flat parallelepiped fluorescent low-pressure mercury lamp, 06 RO RIAP 0FVF

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20571&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20571&org=415)

Fluorescent tube, realisation procedure and lighting source, 06 RO RIAP 0FUX

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20553&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20553&org=415)

Highly efficient lamp with sodium vapours under high pressure, 06 RO RIAP 0FXY

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20662&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20662&org=415)

Installation for energy storage in compressed gases, intended for electric energy producers, 06 RO RIAP 0GHG

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21364&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21364&org=415)

Lamp based on a tube with electric discharge in high-pressure mercury vapours, 06 RO RIAP 0FV7

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20563&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20563&org=415)

Automatic system with buffer accumulators intended for lighting reserve inside public buildings, 07 RO RIAP 0HB0

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22428&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22428&org=415)

Electro-kinetic converter, 06 RO RIAP 0GKP

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21481&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21481&org=415)

Individual protection module - anti earthquakes, anti tornadoes, anti terrorist, 06 RO RIAP 0FMY

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20266&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20266&org=415)

Installation for preventing the capsizing of light watercrafts, 06 RO RIAP 0FXI

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20646&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20646&org=415)

### **(Germany)**

100% ecologic insulating material for building construction (Ref: TO 0304 IGV )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=10399&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=10399&org=417)

DeNOx-technology: emission and cost reduction for glass furnaces (Ref: 04 DE NDZA 0AG5 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=13541&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=13541&org=417)

Non-destructive analysis of tree stability and safety (Ref: 06 DE NDZA 0FCR )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19899&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19899&org=417)

Non-destructive determination of tree roots vitality (Ref: 06 DE NDZA 0FCR )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19899&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19899&org=417)

### **(Italy)**

Electric generation systems with accumulation fuelled by photovoltaic or aeolian energy (Ref: 05 IT LAAP 0DYE)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18086&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18086&org=0&back=true&is_external=0)

Electrical accumulators (Ref: 05 IT LAAP 0DYI)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18090&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18090&org=0&back=true&is_external=0)

Photovoltaic panels and Aeolic generators (Ref: 05 IT LAAP 0DYG)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18088&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18088&org=0&back=true&is_external=0)

Technology for clean electricity and carbon nanotubes production from waste plastics pyrolysis (Ref: 07 IT LAAP 0HVE)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23162&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23162&org=0&back=true&is_external=0)

### **(Spain)**

Concentrator of Reflexive Cavity (CRC) for photovoltaic electricity generation. (Ref: 07 ES SSIT 0H8N)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22343&org=210](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22343&org=210)

Two-axis solar tracking systems for solar energy applications (thermal and photovoltaic solar energy). (Ref: 05 ES SSIT 0D2S )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=16948&org=210](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=16948&org=210)

Autonomous water desalination plant driven by solar photovoltaic energy with batteries. (CIEASEP01 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=6777&org=210](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=6777&org=210)

Autonomous water desalination plant with wind energy (Ref: 07 ES SSIT 0HCF )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22479&org=210](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22479&org=210)

Ice production by wind power (Ref: ITCSEP01 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=6781&org=210](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=6781&org=210)

Harnessing the sun via solar cells

<http://www.innovationrelay.net/showroom/home.cfm>

### **(Israel)**

High-efficiency spectral matching for Photo Voltaic (PV) solar systems (Ref: 07 IL ILMA 0IOX )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24225&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24225&org=417)

Green electricity generated from biomass (Ref: 07 IL ILMA 0ILH )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24101&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24101&org=417)

• **ICT**

**(Romania)**

Software to prepare the manufacture of unique products in limited series (Ref: 07 RO RISC 0H4N )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22199&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22199&org=417)

An interface to the electronic payment systems for banks, using SWIFT and IBM technologies (Ref: 06 RO RISC 0E65 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18365&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18365&org=417)

E-Project Manager (Ref: 05 RO RISC 0DJL )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17553&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17553&org=417)

Client-Server archiving software application (Ref: 06 RO RISC 0E8C )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18444&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18444&org=417)

Document management software (Ref: 05 RO RISC 0DIM )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17518&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17518&org=417)

E-commerce supermarket system that optimises supply chains of manufacturers to sell products made on demand (Ref: 06 RO RISC 0GTT )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21809&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21809&org=417)

Hotel Manager Program (Ref: 05 RO RISC 0DIR )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17523&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17523&org=417)

Mobile Customer Relationship Management/Sales Force Automation solution (Ref: 06 RO RISC0EDO)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18636&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18636&org=417)

Public info-kiosk software application (Ref: 05 RO RISC 0DIG )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17512&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17512&org=417)

Solutions for public administrations (Ref: 06 RO RISC 0E8R )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18459&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18459&org=417)

Virtual Robot Centre (Ref: 05 RO RISC 0DIE )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17510&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17510&org=417)

A CD-ROM for 10 Terabytes storage, 05 RO RIAP 0DV5  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17969&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17969&org=415)

A complex software system intended for efficient management of all the activities of a press holding company, 06 RO RIAP 0FTR  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20511&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20511&org=415)

A modern marketing tool for planning residential space, space for entertainment, etc, 06 RO RIAP 0EJ4.  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18832&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18832&org=415)

A software solution for document management, 06 RO RIAP 0F7J  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19711&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19711&org=415)

A software solution for management of debt collection, 06 RO RIAP 0F5J  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19639&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19639&org=415)

A software solution to easily create professional Web sites, 06 RO RIAP 0F7C  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19704&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19704&org=415)

A software system for sales force automation, 06 RO RIAP 0EID  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18805&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18805&org=415)

A software system for shop floor control & report, 06 RO RIAP 0F5K  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19640&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19640&org=415)

A solution for providing multimedia content on the mobile phones in the CDMA (Code Division Multiple Access) networks, 06 RO RIAP 0EK2  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18866&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18866&org=415)

A solution that allows the extraction of information from an integrated informational system and displays it on a mobile phone screen, 06 RO RIAP 0FA8  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19808&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19808&org=415)

A system solutions for full-security electronic payments, 05 RO RIAP 0DVK  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17984&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17984&org=415)

A Web document and image management system, 06 RO RIAP 0F5X  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19653&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19653&org=415)

A Web-based Customer Relationship Management System, 06 RO RIAP 0EI3  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18795&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18795&org=415)

An All-Inclusive Web Application For Major Travel Agencies, 06 RO RIAP 0EIZ  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18827&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18827&org=415)

An ERP (Enterprise Resource Planning) project management software solution, 06 RO RIAP 0F54  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19624&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19624&org=415)

An ERP (Enterprise Resource Planning) system software packages for management of garment companies, 06 RO RIAP 0E5T  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18353&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18353&org=415)

An infrared optical wireless connectivity solution, 06 RO RIAP 0EIE  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18806&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18806&org=415)

An integrated hardware and software solution for shop management, 06 RO RIAP 0E0Q  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18170&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18170&org=415)

An integrated software system for efficient management of all data as well as activities in a healthcare institution providing medical services, 06 RO RIAP 0FKW  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20192&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20192&org=415)

An original integrated and monitored system for energy savings in street lighting, intended for small towns (80,000 habitants), 06 RO RIAP 0FNR  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20295&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20295&org=415)

Communicator of SMS messages from the PC via mobile connected to the PC, 06 RO RIAP 0FPQ  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20366&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20366&org=415)

Development of new procedures, techniques and abilities for non-invasive evaluation of new and advanced materials, 07 RO RIAP 0HKZ  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22787&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22787&org=415)

Mail Server, 05 RO RIAP 0DV7  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17971&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17971&org=415)

Market analysis software solution, 06 RO RIAP 0G8D  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21037&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21037&org=415)

Multisensorial biometrics platform for secure areas access management, 06 RO RIAP 0FT8  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20492&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20492&org=415)

Original alarm method and electronic antitheft devices with multiple applications, 07 RO RIAP 0I6Q  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23570&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23570&org=415)

S-band low-power microwave generator (1.8 GHz - 2.8 GHz), 06 RO RIAP 0EH6  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18762&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18762&org=415)

Software for open/ create most popular archive formats, 06 RO RIAP 0G3M

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20866&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20866&org=415)

Software solution based on surveillance for increasing employee productivity, 06 RO RIAP 0EBG  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18556&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18556&org=415)

System for electronic ticketing in public transportation, 06 RO RIAP 0FSH  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20465&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20465&org=415)

Thermal shopper analyzer, 06 RO RIAP 0FPX  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20373&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20373&org=415)

### **(Italy)**

GPS/GSM real-time position tracking device (Ref: 06 IT LAAP 0F53)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=19623&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=19623&org=0&back=true&is_external=0)

Middleware for access to the smart card subsystem and for developing smart card applications (Ref: 05 IT LAAP 0CKG)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=16288&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=16288&org=0&back=true&is_external=0)

Middleware for interface with the user's biometrics data (Ref: 05 IT LAAP 0CKE)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=16286&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=16286&org=0&back=true&is_external=0)

Technology to deliver reliable digital data communications for remote sensing and monitoring applications (Ref: 05 IT LAAP 0BPE)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=15170&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=15170&org=0&back=true&is_external=0)

A smart integrated system for chemical analysis (Ref: 07 IT LAAP 0HRI)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23022&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23022&org=0&back=true&is_external=0)

Low-cost device for wireless telemetry and remote control of systems (Ref: 07 IT LAAP 0IFF)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23883&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23883&org=0&back=true&is_external=0)

### **(Israel)**

Wireless Finger Biosensor System (Ref: 07 IL ILMA 0IJF )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24027&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24027&org=417)

A System-on-Board Platform for bio-monitoring of human body parameters (Ref: 07 IL ILMA 0I8F )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23631&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23631&org=417)

Wireless Homecare Medical Monitoring Solutions (Telemedicine) (Ref: 07 IL ILMA 0H5B )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22223&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22223&org=417)

#### **• Agrofood and Fish technology**

### **(Romania)**

Electrostatic process for sanitary conditioning of cereal products (Ref: 05 RO RISC 0DIY )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17530&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17530&org=417)

Electro-cutter for the reconditioning of the used honeycomb (Ref: 06 RO RISC 0GPC)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21648&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21648&org=417)

Modulated installation for obtaining ecological beekeeping products and the growth of bees (Ref: 05 RO RISC 0DIU )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17526&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17526&org=417)

Milling method for wheat flour manufacturing (Ref: 06 RO RISC 0FI8 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20096&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20096&org=417)

Collecting loader three times-rotation (Ref: 06 RO RISC 0GQ6 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21678&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21678&org=417)

## **(Italy)**

- Integrated inspection system for food industry packaging protection (Ref: 07 IT MECC 0H9O )  
[http://www.ircnet.lu/src/request/completerec.cfm?BBS\\_REF=07%20IT%20MECC%200H9O&MENU=search](http://www.ircnet.lu/src/request/completerec.cfm?BBS_REF=07%20IT%20MECC%200H9O&MENU=search)
- New mobile system on forced air cooling (Ref: 06 IT MECC 0EDE)  
[http://www.ircnet.lu/src/request/completerec.cfm?BBS\\_REF=06%20IT%20MECC%200EDE&MENU=search](http://www.ircnet.lu/src/request/completerec.cfm?BBS_REF=06%20IT%20MECC%200EDE&MENU=search)
- Recovery of food-grade protein concentrate from milk whey (Ref: 04 IT LAAP 0B1V)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=14323&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=14323&org=0&back=true&is_external=0)
- Water and wine quality automatic analyser (Ref: 028.OT.GR.APRE)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=9699&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=9699&org=0&back=true&is_external=0)
- Food Ontology Representation Cooperative Environment (Ref: 06 IT LAAP 0ED5)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18617&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18617&org=0&back=true&is_external=0)

## **(Israel)**

- Biocide packaging to extend the shelf-life of perishable food products (Ref: 07 IL ILMA 0IKV )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24079&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24079&org=417)

### **• Medical and Biotechnology**

## **(Romania)**

- Biotechnology to produce immuno-stimulating, antitumoural and anti-infection bio products by growing medicinal mushrooms (Ref: 07 RO RISC 0HJ0 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22716&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22716&org=417)
- A naturopathic method for healing psoriasis (Ref: 06 RO RISC 0FKH )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20177&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20177&org=417)
- Epithelial bio-regenerator (Ref: 06 RO RISC 0FK7 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20167&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20167&org=417)
- Hand apparatus with polarized light for therapy and utilization at home, 06 RO RIAP 0GE3  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21243&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21243&org=415)
- Apparatus and method for energetic re-equilibration of human body, 06 RO RIAP 0GP1  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21637&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21637&org=415)
- Natural relief and treatment for asthma, allergies and other respiratory diseases based on the well-known salt cave therapy, 07 RO RIAP 0I92  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23654&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23654&org=415)
- Specific equipment for virtual training in laparoscopic surgery, 06 RO RIAP 0FZR  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20727&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20727&org=415)

## **(Germany)**

- Horse milk derived cosmetic products with curative effects (Ref: TO 0210 Stu )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=9073&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=9073&org=417)

## **(Italy)**

- Antibody generation technology (Ref: 06 IT LAAP 0FV9)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20565&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20565&org=0&back=true&is_external=0)
- Innovative vaccines against bacillary dysentery (Ref: 07 IT LAAP 0HXH)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23237&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23237&org=0&back=true&is_external=0)
- Source of modified muramylpeptides useful as immunostimulators (Ref: 07 IT LAAP 0HXS)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23248&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23248&org=0&back=true&is_external=0)
- A Surface plasmon resonance (SPR) biosensing system for wine quality monitoring (Ref: 07 IT MECR 0IA1)

**(Israel)**

Innovative smart bathtub/bed for bedridden handicapped and aged patients (Ref: 07 IL ILMA 0IMD )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24133&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24133&org=417)

A pacifier with a innovative feature intended to reduce the risk of Sudden Infant Death Syndrome (SIDS) (Ref: 07 IL ILMA 0ILB )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24095&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24095&org=417)

A novel nano-bead mill for use in the ink, paints, cosmetics and pharma industry (Ref: 07 IL ILMA 0IJA )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24022&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24022&org=417)

• **Materials and Aerospace**

o **Industrial manufacturing**

**(Romania)**

Metallic support for catalytic filters (Ref: 05 RO RISC 0DIW )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17528&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17528&org=417)

Multifunctional cutting machine tool (Ref: 07 RO RISC 0HL2 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22790&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22790&org=417)

Bushing fitted out with unconventional current and medium voltage sensors for electric locomotives (Ref: 06 RO RISC 0ENB )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18983&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18983&org=417)

Operation device for wagon folding doors (Ref: 05 RO RISC 0DIQ )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17522&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17522&org=417)

Carrier bogie with independent wheels and variable height (Ref: 06 RO RISC 0EGZ )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18755&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18755&org=417)

Semiautomatic production module to assemble a closing dashpot piston (Ref: 07 RO RISC 0H4P )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22201&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22201&org=417)

Constant level reservoir for the water supply without discharge fluctuations in time of the hydraulic research stands (Ref: 07 RO RISC 0H5H )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22229&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22229&org=417)

Driving gear for tilting doors (Ref: 06 RO RISC 0EH1 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18757&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18757&org=417)

Braking device (Ref: 06 RO RISC 0GJN )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21443&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21443&org=417)

Device for the realisation of the pipe ramification (Ref: 06 RO RISC 0GPU )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21666&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21666&org=417)

Device incorporated in electric sockets for plug removal (Ref: 06 RO RISC 0GJ5 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21425&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21425&org=417)

Magnetic amplifying mechanism of the motor couple (Ref: 06 RO RISC 0FIN )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20111&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20111&org=417)

Measuring and follow-up installation of light propagation effects and electromagnetic wave into inertial space (Ref: 06 RO RISC 0FQN )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20399&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20399&org=417)

Method and device for the manipulation of the standard type containers (Ref: 06 RO RISC 0GPW )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21668&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21668&org=417)



New Radial Crenulated-Corrugated Ship Hull Stern Sections Concept Technology Obtained by Progressive Numerical Curving, coupled with an Inverse Problem for Optimising the Expected Wake (Ref: 06 RO RISC 0G37 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20851&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20851&org=417)

Parking tower (Ref: 06 RO RISC 0GME )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21542&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21542&org=417)

Port belts rolling frame (Ref: 06 RO RISC 0GPV )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21667&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21667&org=417)

Processing fully motorised hinge pins for machine tools, aggregates and special applications (Ref: 06 RO RISC 0GQZ )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21707&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21707&org=417)

Sanding of the interior surfaces of metal or glass pipes (Ref: 06 RO RISC 0FQ9 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20385&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20385&org=417)

Spatial elevator (Ref: 06 RO RISC 0FQK )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20396&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20396&org=417)

Technology and mechanical installation to assemble parts by welding after a contour having the form of the Archimedes spiral or circular contour (Ref: 06 RO RISC 0GR0 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21708&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21708&org=417)

Remote control of micro hydro-electrical power station (Ref: 05 RO RISC 0DI3 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17499&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17499&org=417)

The Ultra-Efficient Transport System (UETS) (Ref: 07 RO RISC 0ID7 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23803&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23803&org=417)

Voltage transformer with variable ratio and fine control of on-load voltage (Ref: 06 RO RISC 0FK9)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20169&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20169&org=417)

Electrical heat exchangers with radiant wings and micro-energetic mounting (Ref: 07 RORISC0HL4)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22792&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22792&org=417)

Apparatus for non-classic electrolysis, based on an original method, 07 RO RIAP 0I6O

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23568&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23568&org=415)

Cover for banks and riverbeds, 06 RO RIAP 0GQE

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21686&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21686&org=415)

Installation for canalization using pumps without moving parts, for drainages having diminution chutes or in extensions, for the rehabilitation of existing one, or also for overloaded sewages, 07 RO RIAP 0H83

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22323&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22323&org=415)

Automatic supporter for winch, 07 RO RIAP 0HA8

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22400&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22400&org=415)

## **(Germany)**

Alarm Fastener for Jewellery (Ref: TO 0503 FAG )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=10614&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=10614&org=417)

Cost-efficient method for overhead contact line vehicles (tramway, trolley-bus) (Ref: TO 0207 DEU-2 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=8585&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=8585&org=417)

Monitoring System for Yachts and Charter Boats (Ref: 07 DE NDZA 0IA5 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23693&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23693&org=417)

Mobile system for measurement and control of railway networks (overhead contact line, wheel-rail-interaction) (Ref: TO 0702 DEU )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=8485&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=8485&org=417)

Highly energy-efficient base plate for buildings (Ref: 04 DE NDZA 0AGA )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=13546&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=13546&org=417)

Light and flat floor system with integrated heating (Ref: 05 DE NDZA 0C9W )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=15908&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=15908&org=417)

Material Fatigue: Monitoring System for Buildings and Constructions (Ref: 07 DE NDZA 0HXB )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23231&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23231&org=417)

On-site restoration of wood affected by insects and mushrooms (Ref: 07 DE NDZA 0HGB )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22619&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22619&org=417)

Mobile Pre- and Post-Weld Heat Treatment (PPWHT) Units (Ref: 07 DE NDZA 0H6G )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22264&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22264&org=417)

### o **Material and Transport Technologies**

#### **(Romania)**

Technology and installation for production of abrasive tools with Cubic Boron Nitride (CBN) (Ref: 06 RO RISC 0EKX )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18897&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18897&org=417)

Anti-bullet protection overall (Ref: 07 RO RISC 0H1W )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22100&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22100&org=417)

Production line of sealing material with asbestos reinforced with perforated sheet (tin) (Ref: 07 RO RISC 0H4J )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22195&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22195&org=417)

Technology for manufacturing high-precision parts from polymeric composite materials using VARI (Vacuum Assisted Resin Injection) and the method of Resin Transfer Moulding - RTM (Ref: 07 RO RISC 0H4M )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22198&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22198&org=417)

Exclusive mechanical braking system for automobiles and rolling material (Ref: 06 RO RISC 0FQG )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20392&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20392&org=417)

Protection equipment against heat and/or fire (Ref: 06 RO RISC 0FOV )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20335&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20335&org=417)

Woven fabric for ventilation and heat installation in a military helicopter (Ref: 05 RO RISC 0DLK )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17624&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17624&org=417)

Complexes organically-metallic as ecologically tanning substances. Obtaining technologies, receipts and application methods. (Ref: 06 RO RISC 0EKZ )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18899&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18899&org=417)

Protective overall for interventions in special actions (Ref: 07 RO RISC 0H1U )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22098&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22098&org=417)

Flexible punching system made of mini-modules functioning hydraulically at high pressure (Ref: 06 RO RISC 0GQW )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21704&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21704&org=417)

Technology and equipment for cutting by model (contour) any kind of material with high-pressure water jet (Ref: 06 RO RISC 0GQU )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21702&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21702&org=417)

Color and BW printing technology, printing paper, chemicals and printer (Ref: 06 RO RISC 0GPA )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21646&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21646&org=417)

Method for compression of a fluid in two steps, and voluminous machine for its realisation (Ref: 06 RO RISC 0GJD )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21433&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21433&org=417)

Computer-assisted design of paragliders (Ref: 05 RO RISC 0DP7 )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17755&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17755&org=417)

Composite hydraulic cylinder (Ref: 06 RO RISC 0GPT )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21665&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21665&org=417)

Composition for mortar using Portland cement and organically mineralised aggregations (Ref: 06 RO RISC 0FIO )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20112&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20112&org=417)

Cooling and oiling liquid (Ref: 06 RO RISC 0GES )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21268&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21268&org=417)

Safety razor with removable blades (Ref: 06 RO RISC 0FQ7 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20383&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20383&org=417)

Technology of anticorrosive protection by thermal pulverisation for marine and industrial environment (Ref: 07 RO RISC 0H4R )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22203&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22203&org=417)

Protection screen for mobile phones (Ref: 07 RO RISC 0IDV )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23827&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23827&org=417)

Polyvinyl material with magnetic field (Ref: 07 RO RISC 0IDS )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23824&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23824&org=417)

Mobile curtains for thermal tunnels (Ref: 07 RO RISC 0I3J )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23455&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23455&org=417)

Measuring device of the speed of spatial vehicles (Ref: 06 RO RISC 0FQM )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20398&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20398&org=417)

Interior or exterior hydro-isolation of buildings, underground and special buildings with application of the products through cold pulverisation (Ref: 06 RO RISC 0FSO )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20472&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20472&org=417)

Hybrid engine (Ref: 07 RO RISC 0ID1 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23797&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23797&org=417)

Heat switcher for hot water with function in oversaturated thermal regime (Ref: 07 RO RISC 0IDE )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23810&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23810&org=417)

Energising cosmetic mask (Ref: 07 RO RISC 0IDG )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23812&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23812&org=417)

Equipment for efficacious production of insulating materials based on polystyrene granules (Ref: 06 RO RIAP 0GI7)

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21391&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21391&org=415)

Laboratory apparatus for testing adhesiveness and water absorption in asphalt mixtures, 07 RO RIAP 0HBO

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22452&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22452&org=415)

Multifunctional device for complex study of machining process by drilling through a short time test method, 06 RO RIAP 0GPS

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21664&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21664&org=415)

Pylon for hydro-technical construction works, 06 RO RIAP 0GOH

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21617&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21617&org=415)

Retaining wall made of prefabricated elements, 06 RO RIAP 0GOU

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21630&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21630&org=415)

Reversible mechanism for transforming the rotational motion into a translational motion, 06 RO RIAP 0GPQ

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21662&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21662&org=415)

Two types (cylindrical and normal) of compactors for asphalt mixtures, 07 RO RIAP 0HAS

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22420&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22420&org=415)

Wheel tracking tester, 07 RO RIAP 0H9X

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22389&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22389&org=415)

Internal combustion engine with free pistons and hydro-pneumatic transmission of the mechanical energy, 06 RO RIAP 0GMY

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21562&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21562&org=415)

Internal combustion engine with separate detention and compression units, based on energy recuperation technology, 06 RO RIAP 0GGA

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21322&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21322&org=415)

A special method for quality control of prime materials and products based on color management, 06 RO RIAP 0G44

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20884&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20884&org=415)

Micro-lenslets for infrared radiation, 06 RO RIAP 0E30

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18252&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18252&org=415)

### **(Israel)**

Non-clogging filter for a variety of applications for fluids filtration (Ref: 07 IL ILMA 0ILP )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24109&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24109&org=417)

### **(Italy)**

3D Geographic Information System on the obstacles to air navigation (Ref: 06 IT MECC 0G6N )

[http://www.ircnet.lu/src/request/completerec.cfm?BBS\\_REF=06%20IT%20MECC%20G6N&MENU=search](http://www.ircnet.lu/src/request/completerec.cfm?BBS_REF=06%20IT%20MECC%20G6N&MENU=search)

Advanced non-destructive testing techniques for electrofusion joints in polyethylene pipes

(Ref: 07 IT MECC 0H4B )

[http://www.ircnet.lu/src/request/completerec.cfm?BBS\\_REF=07%20IT%20MECC%20H4B&MENU=search](http://www.ircnet.lu/src/request/completerec.cfm?BBS_REF=07%20IT%20MECC%20H4B&MENU=search)

Innovative method for mechanical/industrial resistance of testing materials in manufacturing (Ref: 06 IT MECC 0E88 )

[http://www.ircnet.lu/src/request/completerec.cfm?BBS\\_REF=06%20IT%20MECC%20E88&MENU=search](http://www.ircnet.lu/src/request/completerec.cfm?BBS_REF=06%20IT%20MECC%20E88&MENU=search)

### **• Textiles**

#### **(Romania)**

Textile filtering cartridges meant for the process filtering and machine for accomplishing this products (Ref: 06 RO RISC 0EF8 )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18692&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18692&org=417)

Surgical reinforced mesh (Ref: 06 RO RISC 0EAO )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=18528&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=18528&org=417)

Electronic apparatus for textile yarns hairiness control (Ref: 05 RO RISC 0DMB )

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17651&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17651&org=417)

### **Technology Request**

#### **• Environment and Renewable Energy**

#### **(Romania)**

Bio-ethanol production from biomass, 07 RO RIAP 0IK2

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=24050&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=24050&org=415)

Bio-ethanol production from sorghum and straw, 06 RO RIAP 0GAA

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21106&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21106&org=415)

#### **• ICT**

Homing signal device (transceiver + receiver), 06 RO RIAP 0FOD

[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20317&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20317&org=415)

- **Agrofood and Fish technology**

Additives and technologies used for herring processing (Ref: 05 RO RISC 0DJZ )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17567&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17567&org=417)

- **Medical and Biotechnology**

Innovative methods and medical equipments, particularly unconventional, for human body treatment and for evolution prognosis of human subjects regarding physical performance, 06 RO RIAP 0GR9  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=21717&org=415](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=21717&org=415)

**(Germany)**

Treating Animal Diseases: esp. Arthritis/Arthrosis and Muscle Pain  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22284&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22284&org=417)

Transformers 50-140 KVA for Heat TreatmentUnits  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=22281&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=22281&org=417)

- **Materials and Aerospace**

Interior or exterior hydro-isolation of buildings, underground and special buildings with application of the products through cold pulverisation (Ref: 06 RO RISC 0FSO )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=20472&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=20472&org=417)

**(Germany)**

-Height measurement sensor system for pipeline pigs  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=17401&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=17401&org=417)

**(Estonia)**

Air conditioning system at very low energy consumption (Ref: 07 ES SSIT 0HZ8)  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23300&org=0&back=true&is\\_external=0](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23300&org=0&back=true&is_external=0)

**(Israel)**

Technology sought for production of elastomeric and cast polyurethane parts (Ref: 07 IL ILMA 0I9A )  
[http://www.ircnet.lu/matching/completerec.cfm?BBS\\_ID=23662&org=417](http://www.ircnet.lu/matching/completerec.cfm?BBS_ID=23662&org=417)

## Technology Offers - Proposals

- **Environment and Renewable Energy**

**(Romania)**

- Procedure and installation for treating and disinfecting waste waters containing fluorides and microorganisms
- **Installation and procedure for monitoring pH and fluoride concentration in atmospheric air**
- Technology of anticorrosive protection by thermal pulverization for marine and industrial environment
- Design and execution of a mini-hydroelectric power plant (also providing the prevention/reduction of flood and draught phenomena)
- River lighting buoy with energetic autonomy
- Technology and equipment for bolt welding with stored energy

**(Israel)**

- High Efficiency Concentrator PV Solar System

- ICT

- **(Romania)**

- Software to prepare the production in small (short) series and one of the kind
- Imaging applications in non-destructive testing and microstructure analysis

- **Nano & Microtechnology**

- RMPD® technology makes the creation and production of micro components and micro systems simple and efficient

- Medical and Biotechnology

- Installation for synthesis of salts with neutrophilic and vasodilating action
- “DELICIUL VERII”, a new sweet corn hybrid, a very early and high yield hybrid with high quality ears, good for fresh market, canning and freezing.
- Equipments for organic prosthesis and medical apparatus for diagnosis and computer monitoring
- Regional Network of Excellence in the field of Micro-Nano-Bio Technologies and Textile Materials for Medical Applications
- Clinical investigations for medical devices
- Installation for synthesis of salts with neutrophilic and vasodilating action

- **(Italy)**

- Technology, in order to obtain an injectable solution as well as the method for its employment capable of treating autoimmune diseases, demyelinating diseases, chronic infections, infection.
- Technology, in order to obtain an injectable solution as well as the method for its employment capable of treating autoimmune diseases

- Materials and Aerospace

- **(Romania)**

- Punching flexible system made from minimodules functioning hydraulically at high pressure
- Production line of sealing material with asbestos reinforced with perforated sheet (tin)
- Dimensional and constructive perfection of a mechanical unit (rotor – bearing) which is part of representative type of fan
- Semiautomatic production module to assembly a closing dashpot piston
- Technological system to manufacture high precision parts from polymeric composite materials using the VARI (Vacuum Assisted Resin Injection) and the method of transferring the resin in mould – RTM
- Technology and equipment for cutting by model (contour) with high pressure water jet of any kind of material
- Processing hinge pins fully motorized for machine tools, aggregates and special applications
- Reducing the remanence pressures from the layer plated by thermal pulverization with electrica spring using the procedure of cold-hardening by chipping
- Technology and mechanical installation to assembly the parts by welding after a contour having the form of the Archimedes spiral or circular center
- Hybrid engine
- The Ultra-Efficient Transport System (UETS)
- Innovative technologies to obtain nano-fibres by electro-spinning computer system
- Internal combustion rotary engine
- Using the hole-drilling strain gagea method, the plane state of stress can be measured. Using the modified method, the spatial state of stress can be measured
- Furniture – ecological frame with a spindle – shaped structure and thin panels
- Filtering materials meant for industrial applications
- Equipment for testing & checking the technical characteristics of pressure transducers in a non-steady regime
- New Technological Method for super-finishing round internal surfaces
- Rotating biphasic contactor for liquid controlled pulverisation.
- Constant level reservoir for the water supply without discharge fluctuations in time of the hydraulic research stands.
- Stand for the accuracy gauging of the gas flow-meters and counters
- Chemical technology for hybrid nanopowders synthesis
- Equipment for testing and checking the technical characteristics of pressure transducers

- Metal-ceramic core shell composites
- Modern procedures to obtain new corrosion resistant materials
- Modular inflatable system for the simulation of naval combat tactics
- New technological method for super-finishing round internal surfaces
- Oxy-fuel and plasma cutting equipment with CNC, for metallic materials
- Silicon nitride from silica-polyacrylonitrile polymer hybrid inorganic-organic nanocomposites
- Technologies and ultrasonic welding equipments for metallic materials
- Technologies and ultrasonic welding equipments for plastic materials
- Technological system to manufacture high precision parts from polymeric composite materials using the VARI (Vacuum Assisted Resin Injection) and the method of transferring the resin in mould
- Technologies and ultrasounds activation equipments for sonochemistry
- Technology to produce concomitantly iron powder and cheap clean hydrogen

**(UK)**

- FreeScan enables users to make a freehand scan with almost any type of sensor connected to an instrument which provides an Analogue (or suitable Digital) output of the to-be-measured feature. <http://www.apex-research.co.uk/freescan.htm>
- N-BUS applies Narrow Band Resonant Impedance Analysis where application specific resonant frequency has been determined and optimised by modelling. <http://www.apex-research.co.uk/nbus.htm>

**(Israel)**

- Hiper – Vehicle – Guard (HipVeGa) system

**(Germany)**

- Micro structured functional surfaces and its production

**• Textiles**

**(Romania)**

- Computer Systems for Filtering and Separation Activated with Ultrasounds and Controlled with
- Bio-sensors for Textiles
- Scientific partnership in the field of nano-sciences and nano-technologies applied in textiles
- Intelligent textiles structures for communicating garments
- New technologies applied to materials of liberian fibres using chemical and enzymatic processes in ultrasounds to attain performant materials

**Technology Request - Proposals**

**(Romania)**

- Environment and Renewable Energy
- Wind-solar-heat-hydrogen power plant

**(Malta)**

- Supply and commissioning of a Solar Cooling system <http://www.ircnet.lu/docs/forum/53-00602.doc>

**• Materials and Aerospace**

**(Romania)**

- New technologies for slope stabilization and land rehabilitation
- Adhesive tapes for surgical drapes

**(France)**

- High Pressure Processes
- New Solvothermal processes for Materials or Systems – synthesis