

Steering Committee meeting

7th October 2010, Rijeka

WBC-VMnet Project

Industrial Fellowship Programme - *IFP*

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Individual expert

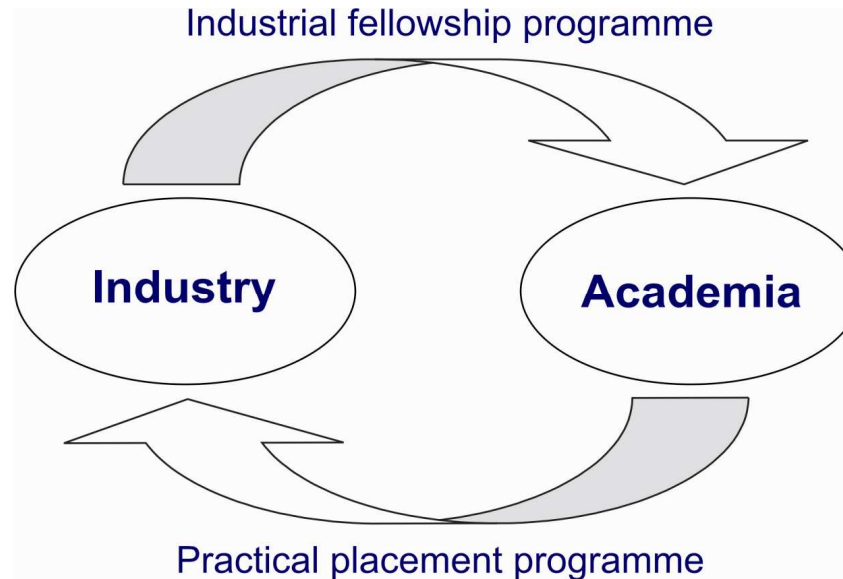
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This project has been funded with support from the European Commission

Outline

- ❖ **Inter-sectoral mobility**
- ❖ **Purpose and aims of IFP**
- ❖ **Important sectors**
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- ❖ **Benefits for industrial fellows**
- ❖ **Benefits for academic/research institution**
- ❖ **Benefits for the enterprise**
- ❖ **Database of institutions interested in IFP, ...**

Inter-sectoral mobility



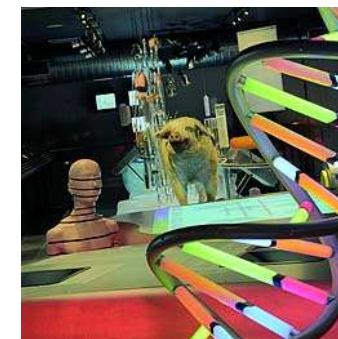
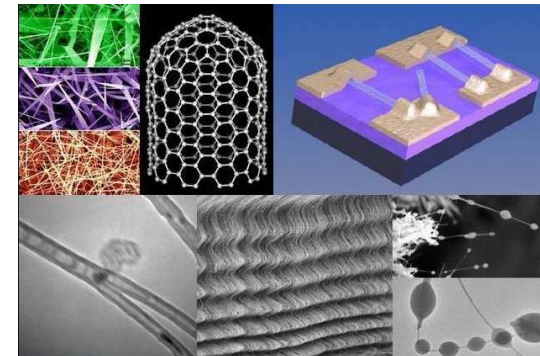
❖ The aim of the inter-sectoral mobility is to exchange expertise, knowledge and experience, helping industry to become more competitive while offering researchers better employability and career prospects.

Purpose and aims of IFP

- ❖ Establishment of sustainable partnership between universities and industry through hosting industrial fellows in research and academic centers;
- ❖ Realization of advanced trainings of industrial fellows and joint research according to the needs of industrial sponsor;
- ❖ Flexible IFP duration;
- ❖ Engagement within development and innovation projects of mutual interest for academic and industrial partner;
- ❖ Opportunity for technology transfer and increase of innovative potential and competitiveness of enterprises.

Important sectors

- ❖ manufacturing and production;
- ❖ micromanufacturing;
- ❖ nanotechnologies;
- ❖ energy and energy saving;
- ❖ advanced biotechnologies;
- ❖ ICT and embedded systems;
- ❖ other new and emerging sectors.



Main goals of IFP:

- ❖ to establish and support joint research projects;
- ❖ to develop innovative solutions to industrial challenges;
- ❖ to provide academics with the opportunity to learn about interesting and relevant problems and applications for future research directions;
- ❖ to transfer academic knowledge to industry;
- ❖ to facilitate long-term career success of highly qualified workers in academic organizations and industry;
- ❖ to encourage creation of R&D jobs in industry.

Benefits for industrial fellows:

- ❖ to be provided by an interesting working experience, developing an important contact with the university;
- ❖ to enhance his/her own creative thinking, problem-solving, project management and team-building skills;
- ❖ to work in a collaborative environment forming long-term contacts and networks for future collaborations;
- ❖ to access to academic services (on-line databases, software, laboratory equipment, academic network) and the possibility of attending ongoing courses and seminars;
- ❖ to have the possibility of publishing papers and patent applications with the research team at the University.



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Benefits for academic/research institution:

- ❖ **excellent communication channels with enterprises;**
- ❖ **reduce staff costs**
- ❖ **alignment of the research strategic directions to the real needs of industry**
- ❖ **application and verification of fundamental research results through joint development and innovation projects with sponsoring company within the IFP**
- ❖ **development of a consortium for new projects (national and international – EUREKA, FP7, IPA, etc.).**

Benefits for the enterprise:

- ❖ **transfer of technical expertise, research, and innovation from university experts (professors and researchers);**
- ❖ **application of the scientific approach to industrial activities;**
- ❖ **solutions for some specific problems (or professional expertise, not usually found in an individual enterprise);**
- ❖ **professional growth (continuing education and training) and reward opportunities for high-potential staff;**
- ❖ **important communication channel with the university;**
- ❖ **opportunities to impact the future direction of the profession.**

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Database of institutions interested in IFP:

- ❖ Institutions from academia sector should express what they offer for IFP including the research topics, the names of mentors and duration of IFP;
- ❖ Enterprises should express their requirements for developmental activities, research projects and trainings of employees along with the number of interested employees;
- ❖ Information will be posted at CTC web sites and other academic institutions which will join this program;
- ❖ Comparing offers from academia sector and requirements/request from industrial sector it is possible to find appropriate match with the aim that each engineer boosts its knowledge and skills on the adequate way.

Form for offering topics for IFP:

| General information on the host organization for Industrial fellowship programme | | | | |
|--|---|---|-----------------|--------------|
| Host R&D organization name: | | | | |
| Address: | | | | |
| URL: | | | | |
| Responsible person's name for IFP: | | | | |
| Title: | | e-mail: | | |
| Phone: | | Fax: | | |
| List of R&D topics and resources | | | | |
| No. | IFP – research topic (short description) | Resources made available for fellows | Supervisor name | IFP duration |
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| Name of authorized person | | Signature | | Date |
| | | | | |

Form for nomination for IFP from the enterprise:

| General information on the company interested in Industrial fellowship programme | | | |
|--|--|----------------------------|------------------------|
| Company name: | | | |
| Address: | | | |
| Web site: | | | |
| Name of the contact person: | | | |
| Title: | | Email: | |
| Phone: | | Fax: | |
| Status of the company: | | Total number of employees: | |
| Nature of the business: | | | |
| List of trainings & research areas | | | |
| No. | Interested in training in the following fields | Number of employees | Sponsoring value (EUR) |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| Director/CEO | | Signature | Date |
| | | | |

Industrial fellow responsibilities:

- ❖ **before the beginning of IFP implementation, industrial fellow is obliged to agree to and sign the Sworn statement;**
- ❖ **respecting work ethics and codes of conduct defined by the hosting research institution;**
- ❖ **carefully handle the equipment, instruments and software;**
- ❖ **regular communication with the research mentor and reporting to sponsoring enterprise on the progress during IFP implementation;**
- ❖ **submission of Periodic and Final report on the implemented IFP.**

4.4 Swom statement

(Annex III of Agreement)

Hereby, I

Last name, first name: _____
Grade/status: _____
Organization or Address: _____

want to make following statement :

- 1) I will spend a period of _____ within fellowship programme in following institution _____ (hereafter called sponsor)
- 2) I will accept terms and conditions and internal rules, determined by the hosting academic/research institution
- 3) I will take a good care about resources and equipment provided by the hosting institution during this programme and take a full responsibility for it's maintenance and eventual damages.
- 4) I will never disclose any information or data provided by the hosting institution during fellowship programme, marked as confidential, to the third party.
- 5) I agree that all information, books, equipment documentation, licenses, materials, audio-visual works and intellectual property shall be held in the strictest confidence, and I shall not reveal the same to any third parties,

Monthly IFP progress reporting form:

| Personal details | |
|--|------------|
| IFP ID No.: | Date: |
| First name: | Last name: |
| Details of academic institution | |
| Academic institution: | |
| Department/research center: | |
| Research mentor: | |
| Details of sponsor enterprise | |
| Name: | |
| Responsible person: | |
| Activity report | |
| Provide description of tasks worked on during the last period and achievements made towards the planned objectives | |
| Deviations from the planned activities/objectives | |
| Identify the nature of the problem and list corrective action/proposed changes to timeframe or work to be done | |
| Comments of the academic mentor | |
| Evaluation of progress, comments and suggestions, approval of corrective actions | |
| Comments of the sponsor enterprise representative | |
| Evaluation of progress, comments and suggestions, approval of corrective actions | |

Obligations of hosting R&D institution:

- ❖ providing a place and work conditions for fellow and realization of IFP work programme;**
- ❖ appointment of an research mentor and preparation of other members of research team for offering training and support to fellows in the realization of IFP activities;**
- ❖ enable the fellow to access the necessary training/research resources needed for achievement of set objectives of IFP work programme;**
- ❖ proper administration and review of all related documents;**
- ❖ consult with sponsor enterprises.**

Obligations of the enterprise:

- ❖ **appointment of an responsible person who will communicate and monitor IFP implementation;**
- ❖ **advising industrial fellow and monitoring of his/her progress;**
- ❖ **communication with research mentor;**
- ❖ **providing of necessary equipment and consumables for industrial experiments, if needed for planned research within IFP;**
- ❖ **providing resources for IFP implementation in accordance with signed contract.**

Agreement model:

Agreement for Fellowship programme

between:

1. Academic/research institution address _____, represented by _____
(hereinafter referred to as Host Institution)
2. Business entity _____, Address _____ represented _____ by
Director (hereinafter Sponsor)
3. Industrial fellow, _____, Address _____, (hereinafter Fellow)

Article 1. Subject of the Agreement

The subject of this Agreement is implementation of **Industrial fellowship programme (IFP)**, with aim of transfer of knowledge, exchange expertise and experience between Host Institution and Sponsor through hosting of Fellow and realization of set of actions described in IFP work programme, which is integral part of this Agreement as Annex I.

Article 2. Implementation period

- 2.1. This agreement shall enter into force when the last of the three parties signs.
- 2.2. Implementation of the IFP shall begin on the day following that on which the last of the three parties signs
- 2.3. The IFP implementation period is _____ months, with the possibility of Agreement extension.

Article 7. Intellectual property

7.1 It is agreed that all former intellectual property provided by Host institution or Sponsor, prior the IFP programme implementation period remains the property of the party that provided it.

7.2 Intellectual property developed or created as part of the IFP programme, which is the subject of this Agreement, is precisely defined in Annex IV – Special Conditions, as integral part of this Agreement.

Article 8 – General conditions

8.1 All contracting parties agree that all possible changes and amendments to this Agreement are to be made by mutual agreement, annex in writing

8.2 Any disputes that arise from this Agreement the parties will resolve amicable, if amicable solution is not possible disputes will be resolved by relevant court in _____.

8.3 This Agreement is made in 6 (six) identical copies, each party is entitled to 2 (two) copies.

| Sponsor | Fellow | Host Institution |
|-----------|-----------|------------------|
| Name: | Name: | Name: |
| Title: | Title: | Title: |
| Date: | Date: | Date: |
| Place: | Place: | Place: |
| Signature | Signature | Signature |

Certificate form for industrial fellow:

Academic institution:
Department Name:

Industrial/Research institution:

CERTIFICATE

This is to certify that Mr. / Ms. _____
has successfully completed his / her Industrial Fellowship Programme during the period between
_____ and _____.

Summary of research activates performed during Industrial Fellowship:

Research mentor: _____ IFP coordinator: _____

Date: _____ Date: _____

Signature: _____ Signature: _____

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