

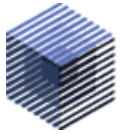


MARIE CURIE ACTIONS Research Training Networks (RTNs)
*Ultrashort XUV Pulses for Time-Resolved and Non-Linear
Applications - XTRA*
Network Meeting in Padua, 26-27 February 2007



*Training for the young researchers:
how to sharpen the skills*

Paolo Villoresi (INFN ULTRAS + LUXOR – University of Padua)



PROGRAM



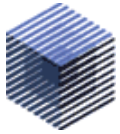
- **First:** Be conscious that “The European Research is the *linchpin* of EC future actions”
 - Today is a beautiful day! **Birth of the ERC in Berlin**
- **Second:** There is an advanced *organization* of the opportunities already available
 - This include also meetings and forums for young researchers
- **Third:** there are EC programs alternative to Academia
- Witnesses of ATTO fellows which now have a (good) position.
- ..coffee break from 15.30 to 16.00!!
- The slides and the material presented in this session will be available at the XTRA Network website xtra.dei.unipd.it or by mail paolo.villoresi@unipd.it



Competition among Continents

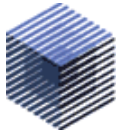


- In 2005 the EC Commission has recommended to Member States a series of strong measures on the promotion of the European Research Area.
- With Barcelona Treaty, within 2010 the Member States are expected to rise their investments in research to the unprecedented level of 3% of GPD.
- Two cornerstones of this initiative were issued:
 - The European Charter for Researchers
 - The Code of Conduct for the Recruitment of Researchers



The recommendation

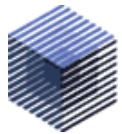
- The aim
 - *The Lisbon European Council put for the EC the objective of becoming the most competitive and dynamic knowledge economy in the world by 2010.*
- The threat
 - *The identified potential shortage of researchers, particularly in certain key disciplines, will pose a serious threat to EU's innovative strength, knowledge capacity and productivity growth in the near future and may hamper the attainment of the Lisbon and Barcelona objectives.*
- The measure
 - *Europe must dramatically improve its attractiveness to researchers and strengthen the participation of women researchers by helping to create the necessary conditions for more sustainable and appealing careers for them in R&D*



The recommendation



- An ample set of specific steps were recommended, including support and protection of the researchers in mobility and fair and transparent selections.
- Among these: *“particular priority should be given to the organisation of working and training conditions in the **early stage of the researchers’ careers**, as it contributes to the future choices and attractiveness of a career in R&D”.*



The European Charter for Researchers



- A set of general principles and requirements which specifies the **roles, responsibilities and entitlements of researchers** as well as of employers and/or funders of researchers.
- The aim of the Charter is to **ensure that the nature of the relationship between researchers and employers or funders is conducive to successful performance** in generating, transferring, sharing and disseminating knowledge and technological development, and to the **career development of researchers**.
- The Charter also recognizes **the value of all forms of mobility as a means for enhancing the professional development of researchers**.



General Principles and Requirements applicable to Researchers



- Research Freedom
 - Researchers should focus their research for the good of mankind and for expanding the frontiers of scientific knowledge, while enjoying the freedom of thought and expression, and the freedom to identify methods by which problems are solved, according to recognised ethical principles and practices.
- Ethical principles
 - Researchers should adhere to the recognised ethical practices and fundamental ethical principles appropriate to their discipline(s) as well as to ethical standards as documented in the different national, sectoral or institutional Codes of Ethics.



General Principles and Requirements applicable to Researchers



Professional responsibility

- Researchers should make every effort to ensure that **their research is relevant to society and does not duplicate research previously carried out elsewhere.**
- They must avoid plagiarism of any kind and **abide by the principle of intellectual property and joint data ownership** in the case of research carried out in collaboration with a supervisor(s) and/or other researchers.
- The need to validate new observations by showing that experiments are reproducible should not be interpreted as plagiarism, provided that the data to be confirmed are explicitly quoted.
- Researchers should ensure, if any aspect of their work is delegated, that **the person to whom it is delegated has the competence to carry it out.**

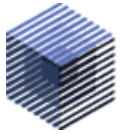


General Principles and Requirements applicable to Researchers



Accountability

- Researchers need to be aware that they are accountable towards their employers, funders or other related public or private bodies as well as, on more ethical grounds, towards society as a whole. In particular, researchers funded by public funds are also accountable for the efficient use of taxpayers' money.
- Consequently, they should adhere to the principles of sound, transparent and efficient financial management and cooperate with any authorised audits of their research, whether undertaken by their employers/funders or by ethics committees.

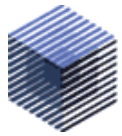


General Principles and Requirements applicable to Researchers



Dissemination, exploitation of results

- All researchers should ensure, in compliance with their contractual arrangements, that the results of their research are disseminated and exploited, e.g. communicated, transferred into other research settings or, if appropriate, commercialised. Senior researchers, in particular, are expected to take a lead in ensuring that research is fruitful and that results are either exploited commercially or made accessible to the public (or both) whenever the opportunity arises.
- Researchers need to be aware that they are accountable towards their employers, funders or other related public or private bodies as well as, on more ethical grounds, towards society as a whole.
- Consequently, they should adhere to the principles of sound, transparent and efficient financial management and cooperate with any authorised audits of their research, whether undertaken by their employers/funders or by ethics committees.



The Code of Conduct for the Recruitment of Researchers



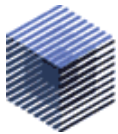
- Recruitment
 - Employers and/or funders should establish recruitment procedures which are open, efficient, transparent, supportive and internationally comparable, as well as tailored to the type of positions advertised.
- Transparency
 - Candidates should be informed, prior to the selection, about the recruitment process and the selection criteria, the number of available positions and the career development prospects. They should also be informed after the selection process about the strengths and weaknesses of their applications.




The Code of Conduct for the Recruitment of Researchers



- Recognition of mobility experience
 - Any mobility experience, e.g. a stay in another country/region or in another research setting (public or private) or a change from one discipline or sector to another, whether as part of the initial research training or at a later stage of the research career, or virtual mobility experience, should be considered as a valuable contribution to the professional development of a researcher.





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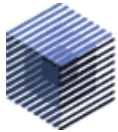
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Press corner: ERC launch event (Berlin, 27-28/2/2007)

- **ERC Conference:**
 - [ERC Launch Conference Programme](#)
- **Media Programme:**
 - [Diary Note \(DE, EN, FR\)](#)
 - [Registration Form](#)
 - [Media Programme](#)
 - [Media Trips Description](#)



Organisation

The ERC consists of a Scientific Council and a dedicated implementation structure.

The Scientific Council defines the scientific funding strategy and methodologies, whereas the dedicated implementation structure implements and applies these strategies and methodologies in the management and operations of the ERC funding activities.

It is foreseen that the dedicated implementation structure will be legally established as an Executive Agency and fully operational by mid-2008. Until then, a dedicated service of the European Commission will have the task of building up the operational capacities and management of the ERC funding activities. The ERC operates with autonomy and integrity which is guaranteed by the European Commission, to which it is accountable.

In summary, the ERC management involves the following actors:

- The President
- The Board
- The Scientific Council
- The Director of the Dedicated Implementation Structure
- The Secretary General



General Principles



General principles of ERC funding schemes and application processes

- Individual teams led by independent Principal Investigators are supported
no trans-national partnerships nor consortia
- All fields of research are eligible
no thematic or policy-driven research priorities
- Proposal Submission only in response to calls for proposals and only online via the web-based EPSS tool
no paper or other transmission of proposals will normally be accepted
- Scientific excellence is the sole selection criterion
no political influences nor national quotas
- Attractive grants are provided to support the best researchers
Significant funds and simple procedures

Individual teams led by independent Principal Investigators are supported

ERC Grants are awarded to a single researcher ('Principal Investigator') heading an individual research team to conduct a frontier research project on the condition that he/she is engaged by a legally established hosting organisation.

The Principal Investigator does not necessarily need to be employed by the hosting organisation at the time when the proposal is submitted, but there should be a mutual agreement on how the relationship will be established, should the proposal be successful. In order to be eligible for a grant, the PI must be independent or, for the ERC Starting Grant, at the stage at which they are establishing independence (i.e. starting or leading their first research team) or, depending on the field, establishing their independent research programme.

Independence implies that the PI has the authority to:

- Apply for funding independently of senior colleagues;
- Direct the project, manage the research funding and make appropriate resource allocation decisions;
- Publish as senior author and invite as co-author only those who have contributed substantially to the reported work;
- Supervise team members, including research students or others;
- Have access to reasonable space and facilities for conducting the research.



ERC Starting Independent Research Grant

ERC Starting Grant

Aim

Europe currently offers insufficient opportunities for young investigators to develop independent careers and make the transition from working under a supervisor to being independent research leaders in their own right. This structural problem leads to a dramatic waste of research talent in Europe. It also limits or delays the emergence of the next-generation of researchers, who bring new ideas and energy, and it encourages highly talented researchers at an early stage of their career to seek advancement elsewhere.

The Starting Grants aim to support young, up-and-coming researchers who are about to establish or consolidate an independent research team or to start conducting independent research in Europe. The scheme targets young researchers who have the proven potential of becoming independent research leaders. The grants, which amount to between EUR 100,000 and EUR 400,000 per year for a period of up to five years.

With this new grant scheme young researchers will get the break they deserve.

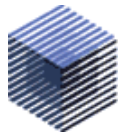
Requirements for Principal Investigators applying for an ERC Starting Grant

- candidates must have received their first PhD or equivalent more than two years but less than nine years prior to the deadline of the call;
- candidates must be fully independent of senior colleagues or in the process of establishing independence;
- candidates of any country or origin may apply. However they must be engaged or going to be engaged by a legally-established public or private research organisation situated in the EU or associated countries (The Associated Countries are: a) Iceland, Liechtenstein, and Norway (subject to amendment procedure of EEA agreement); b) Switzerland, Israel (subject to satisfactory conclusion of bilateral S/T agreements); c) Turkey, Croatia, and Serbia (subject to satisfactory completion of the decision-making procedure associating these countries via a Memorandum of Understanding)). Organisations of a pan-European dimension are also included.

Structure and Composition of Peer Review Evaluation Panels

For the ERC Starting Grant scheme, 20 Panels have been established covering all fields of science, engineering and scholarship. For details on the [Panel structure \(incl. descriptive keywords\)](#) and the [Panel Chairs](#).

For a full explanation of this grant scheme, please read in full the [Guide for Applicants](#).



ERC Advanced Investigator Grant

ERC Advanced Investigator Grant

Aim

The Advanced Grants aims to encourage and support excellent, innovative and research projects which are initiated and led by established top research leaders.

This funding scheme, which offers grants of between EUR 100,000 and EUR 500,000 per year for a period of up to five years, targets researchers who have already established themselves as being independent and world-class leaders in their own right.

Full details regarding the Advanced Grants scheme will be available prior to its launch in autumn 2007.

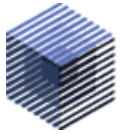
Requirements for Principal Investigators

- candidates may be at any career stage;
- candidates must be fully independent;
- candidates of any country or origin may apply. However they must be sponsored by a legally-recognised public or private research organisation situated in the EU or associated countries (The Associated Countries are: a) Iceland, Liechtenstein, and Norway (subject to amendment procedure of EEA agreement); b) Switzerland, Israel (subject to satisfactory conclusion of bilateral S/T agreements); c) Turkey, Croatia, and Serbia (subject to satisfactory completion of the decision-making procedure associating these countries via a Memorandum of Understanding). Organisations of a pan-European dimension are also included.

Structure of Peer Review Evaluation Panels

The panel structure with descriptive keywords for the ERC Advanced Investigator Grant will be defined in 2007.

Full information on this grant scheme, will become available in mid-2007.



The EC young researchers are a lot!



- The *market* is very wide
- The EC programs and network are numerous.
- The creation of temporary position is usually mandatory.



Sources of information for positions



- The EC Researcher Mobility portal (*more than a thousand position available now!*)
- The EC CORDIS portal
- The Marie-Curie specific portal
- The Events and Conferences

http://ec.europa.eu/eracareers/index_en.cfm?CFID=66264348&CFTOKEN=3479236498b520a4-E37BBC4

Marie Curi... Marie Curi... htt...1A http:...E01A http:...E01A Marie Curi... Marie-Curi... CORDIS: ... Marie Curi... CORDIS

The European Researcher's Mobility Portal
Career opportunities and assistance for researchers

Important legal notice

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European Commission > The European Researcher's Mobility Portal

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- > [Marie Curie vacancies](#)

Latest Job Offers **1145 Jobs available!**

List of the latest posted Research Job Vacancies

21/02/2007

[Post-doctoral fellow](#) - 12:11
Sweden - Lund university

[Marie-Curie Fellow \(2 Posts\)](#) - 11:57
United Kingdom - University of Edinburgh

[24-month Marie Curie Fellowship for an Experienced Researcher at Sabanci University, Istanbul, Turkey](#) - 11:39
Turkey - Sabanci University VPA

[Post-doctoral Research Fellow Position](#) - 11:38
Turkey - Sabanci University VPA

20/02/2007

[Early Stage Researcher in Psychology / Medicine](#) - 17:51
France - University Hospital Heidelberg

[Early Stage Researcher in Psychology /](#)

Fellowships & Grants

General information on fellowships/grants

- > [Under European funding \(8\)](#)
- > [At national level \(527\)](#)
- > [At international level \(22\)](#)

Practical info & Assistance

ERA-MORE opens the door
European Network of Mobility Centres

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European Commission defines roles and responsibilities

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Under EU funding

Refine by | [Adapted to your career stage...](#)

8 URLs found (1-8 displayed)

[Institute for Environment and Sustainability \(IES\)](#)

[Institute for Prospective Technological Studies \(IPTs\)](#)

[Institute for Reference Materials and Measurement \(IRMM\)](#)

[Institute for Transuranium Elements \(ITE\)](#)

[Institute for the Protection and Security of the Citizen \(IPSC\)](#)

[Institute of Cancer Research](#)

[International Reintegration Grants](#)

[Marie Curie Actions - Human Resources and Mobility Activity \(MCA\)](#)

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http://ec.europa.eu/eracareers/index_en.cfm?l1=23&CFID=6635641&CFTOKEN=123120d3f9f29384-E5

The European Researcher's Mobility Portal
Career opportunities and assistance for researchers

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EUROPE4RESEARCHERS/NEWSLETTER

Welcome to *Europe4Researchers* – a newsletter that aims to take a fresh look at the rich rewards and occasional challenges of working and pursuing a career in research today.

➤ [Issue 3 - January 2007](#)

➤ [Issue 2 - November 2006](#)

➤ [Issue 1 - September 2006](#)

Subscribe to the Newsletter *Europe4Researchers*

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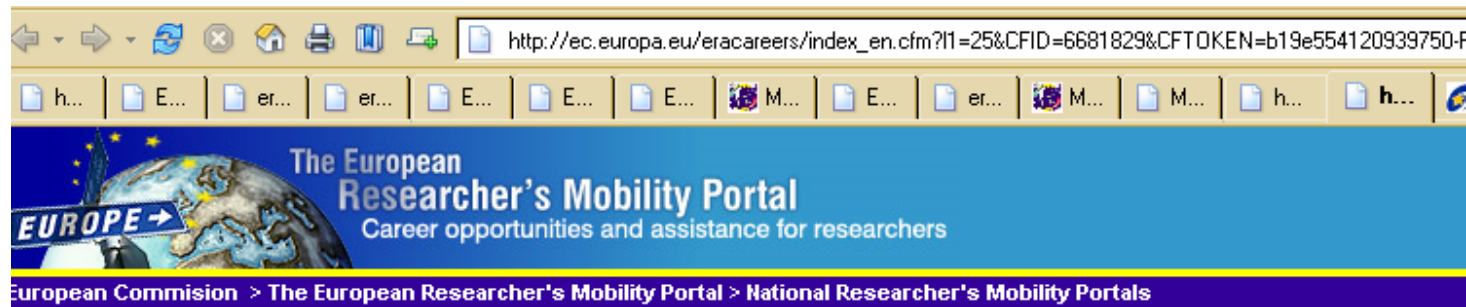
Go to the '[Research Mailing Lists](#)' page, enter your e-mail address and password. On the 'Your profile' page, select 'Add subscriptions' or 'Change subscriptions'. Check the box Newsletter 'Europe4Researchers', and save your choice.

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National Researcher's Mobility Portals

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Cyprus	Ireland	Romania
Czech Republic	Israel	Slovakia
Denmark	Italy	Slovenia
Estonia	Latvia	Spain
Finland	Lithuania	Sweden
France	Malta	Switzerland
Germany	The Netherlands	Turkey
		United Kingdom





http://cordis.europa.eu/en/home.html

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Community Research & Development Information Service

2007 - 2013

SEVENTH FRAMEWORK PROGRAMME

The Seventh Framework Programme for research and technological development (FP7) is the European Union's chief instrument for funding research over the period 2007 to 2013. CORDIS is the official portal for participating in FP7 and following related developments in European science and technology.

News

[Germany steps up spending on health research](#)

[Researchers shed light on life/death switch in nerve cells](#)

[Nanotechnology comes to the rescue of mouldy wood](#)

[Japan and France launch environmental catalysis research network](#)

RSS | What is RSS?

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Highlights

[German Council Presidency Service](#)

[CORDIS at the 5th edition of the European Business Summit Brussels, 15-16 March 2007](#)

[Revamped CORDIS Partners Service](#)

[CORDIS gateway to FP7](#)

[CORDIS launches new Guidance and Support service](#)

[CORDIS launches a new service for ICT - Information and Communication Technology](#)

[CORDIS focus Newsletter No. 274, January 2007](#)

[CORDIS focus RTD Results Supplement No. 60, January 2007](#)

Last updated on: 2007-02-21

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“Interested in European research?”



- ***RTD info*** is a quarterly magazine keeping you in touch with main developments published by HUMAN RESOURCES AND MOBILITY division of EU(results, programmes, events, etc). It is available in English, French and German.
- A free sample copy or free subscription can be obtained from: European Commission Directorate-General for Research - Information and Communication Unit, B-1049 Brussels
- Fax: (32-2) 29-58220 E-mail: research@cec.eu.int
- http://europa.eu.int/comm/research/rtdinfo/index_en.html

http://ec.europa.eu/research/fp6/mariecurie-actions/indexhtm_en.html

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Marie Curie Actions

Researchers Mobility Policy

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Opportunities

More Information

Welcome to the **Marie Curie Actions** Human Resources and Mobility Activity **WEBSITE**

Sixth Framework Programme

Site mission

This website provides an overview of the training, mobility and career development opportunities covered under the EU's Sixth Framework Programme (FP6) for R&D. These opportunities are open to researchers of all ages and levels of experience regardless of nationality, and are one of the most visible means of developing and enhancing human resources in the European Research Area (ERA).

What's new?

NEW FP7 for researchers - Specific Programme « People »: more info on [CORDIS](#)

Soon available new web-site for **FP7 « People »**

FP7 « People » [Calls for Proposals](#)

Events

2006 Marie Curie Excellence Awards recognise five outstanding researchers.

16 November 2006

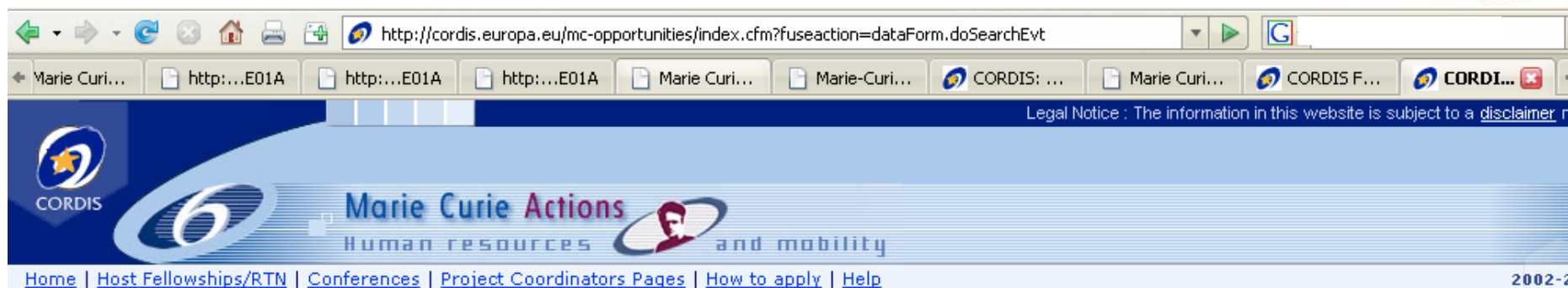
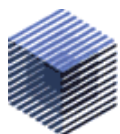
'Making Europe more attractive for researchers'

Proceedings available

Highlights

- [Europe4Researchers](#), the newsletter about career development opportunities for researchers in the ERA.
- [European Charter for Researchers and Code of Conduct for the Recruitment of Researchers](#).
- Consult CORDIS website for information on the [progress of calls and the status of proposals](#), as well as guidance on how to apply, and how to manage your project.
- Visit the "**Marie Curie Funding Opportunities Search Tool**" for [fellowship vacancies](#) or funding opportunities for [attending conferences and training courses](#).
- **Other research opportunities** available on the [European Researcher's Mobility portal](#)

last update: 31-01-2007



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Search for Project Information	
Research Area:	<input type="text" value="Any area"/>
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Marie Curie Funding Opportunities Search Tool Conferences

Use this search tool to find :

- ◆ Project Information and information for attending conferences or training events, funded under the Marie Curie Conferences and Training Courses action (FP6) and High Level Scientific Conferences activity (FP5).

General Information on Marie Curie Actions can be found on the Marie Curie Web Site:
<http://europa.eu.int/mariecurie-actions>



http://cordis.europa.eu/mc-opportunities/index.cfm?fuseaction=dataForm.postResults

Marie Curie Actions
Human resources and mobility

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2002-2006

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1	Project (SCF)	MOLECULAR SIMULATIONS Coordinating organisation: Ecole Normale Supérieure de Lyon (CECAM) (FR)
2	Project (SCF)	The NEON (Network of European Observatories in the North) astronomical observin... Coordinating organisation: Centre National de la Recherche Scientifique (CNRS) (FR)
3	Project (SCF)	European School on Nanosciences & Nanotechnologies Coordinating organisation: Université Joseph Fourier (U.J.F.) (FR)
4	Project (SCF)	Higher European Research Course for Users of Large Experimental Systems: HERCULE... Coordinating organisation: UNIVERSITE JOSEPH FOURIER, GRENOBLE 1 (UJF) (FR)
5	Project (SCF)	RENCONTRES DE MORIOND IN PARTICLE PHYSICS AND COSMOLOGY Coordinating organisation: Université de Paris Sud (UPS) (FR)
6	Project (SCF)	ONTHEFRINGE: Optical interferometry in training and in context Coordinating organisation: Centro de Investigação em Astronomia e Astrofísica da Universidade do ... (PT)

Start date: 01/01/2006
End date: 01/01/2009


6 result(s) found on 1 page

Marie Curie Actions (type of fellowships)	DEV	Development Host	EST	Early Stage Training
	EXT	Marie Curie Excellence Grants	IND	Industry Host
	LCF	Large Conferences (LCF)	PHD	Training Sites

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Researcher's Mobility Portal


Marie Curie Fellowship Association

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The Marie Curie Fellowship Association is the association of scientists (Marie Curie Fellows) who were awarded a mobility research training grant by the European Community. Since January 1st, 2006, **145** Marie Curie Fellows joined the association. In May 2006 these pages were visited by **21.850** unique visitors.


[Mobility survey](#)
[READ MORE INFORMATION](#)

[Read 'Personal Journeys': stories of Marie Curie Fellows](#)




Extraordinary General Assembly took place in Toulouse, December 16th.
[Activity report 2005/2006](#)
[New Elected Board](#)

Draft Working Programme for the programme PEOPLE (Marie Curie Action) under FP7 is available from the [member area](#). [Post your comments in Discussion Forum](#)

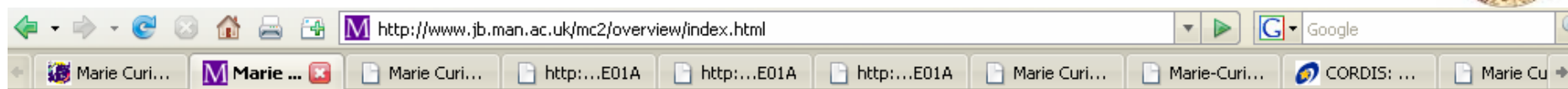
[ERC Scientific Council publishes 2007 work programme](#)

"Marie Curie Day", November the 27th 2006, Canberra, Australia, [invitation letter](#) of Dr. Neil Hamilton, Executive Director of [FEAST](#)

A new issue of the [MCFA Newsletter](#) -



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of Manchester

Marie Curie Conference

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MARIE CURIE
CONFERENCE 2006



MANCHESTER 2006

Marie Curie Conference (MC²)

Monday 10th April - Wednesday 12th April 2006

Between 10th and 12th April 2006 the University of Manchester will host an international conference dedicated to Marie Curie Fellows from across Europe.

This event aims to expose approximately 250 of the best early career researchers in Europe to a wide variety of multi-disciplinary lectures, seminars and workshops. The conference will provide a rich combination of high profile, world class speakers, known not only for expertise in their own research areas but their skills in communicating science to a broad audience along with a profoundly 'bottom up' approach facilitating young researchers in presenting their work to multidisciplinary groups. In addition to this, a series of training workshops and seminars will run across the event with opportunities to learn, and ask questions about, current policy movements in Europe which will change the research and employment landscape for the delegates.

[A personal invitation from Raffaele Liberali](#), Director for the Human Factor, Mobility and Marie Curie activities at the Directorate-General for Research, European Commission.



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Training for the young researchers: how to sharp the skills – P. Villoresi 27 II 7 XTRA Meeting in Padua, 30



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Interviews

Helping fellow nomads

A veritable academic nomad in her own right, Dagmar Meyer now heads up the Marie Curie Fellowship Association (MCFA). She tells us about the rewards and challenges of helping fellow researchers get mobile.

Dagmar Meyer grew up in a small German village of just 2 000 inhabitants. Describing the place where she spent her teenage years as "not very exciting", she felt the pull of the outside world early. "I started being mobile when I was 17," the current chair of MCFA explains. "I heard about the United World Colleges, and applied for a two-year scholarship to Pearson College in Canada. I was lucky and was one of only four students from Germany who were given it that year." Her two years in this cosmopolitan setting mapped the course of her subsequent life. "Living and studying in a small community of 200 students from more than 60 different nationalities... has had a profound influence on me." After completing her International Baccalaureate, she worked during her gap year at an international school in the Philippines, where she had the chance to visit China, Thailand, Malaysia, and Burma, before returning to Germany to start her university education.



A study in mobility

In addition to her native Germany, Meyer's university studies took her to the UK, Spain and France. In fact, her PhD was a demonstration of European mobility in action – with all its various rewards and challenges. After starting her doctorate in mathematics at Heidelberg University (DE), she decided to move to Spain with her then Spanish partner whom she had met on a student union exchange programme. "He had come to Germany so we could live together, but he couldn't finish his studies in Germany as his previous studies in Spain were not recognised," she explains. "So I decided to spend at least one year of my PhD in Spain." Meyer obtained a fellowship from the German Academic Exchange Service to the Autonomous University of Barcelona.

Jumping hurdles

Confronted with the steep bureaucratic hurdle of 'homologación' – or 'harmonising' of foreign qualifications – the German mathematician was forced to give up her hopes of completing her PhD in Spain.

While she was away, her PhD adviser in Germany had moved to the prestigious Max Planck Institute (MPI) in Bonn, and she followed suit. "Luckily, the MPI offered me a PhD contract, so funding was not a problem," she notes. Although she had a great time at MPI, once her research was finished she was presented with a practical obstacle: where to submit her thesis.

"The MPI is not entitled to award degrees since it is not an institution of higher education," she explains. "In the meantime, my adviser had obtained a permanent position in Strasbourg in France and we looked into the option of getting my PhD from Strasbourg, but this was denied since I had never



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Individual researchers

How will FP7 benefit researchers?

Overall the Seventh Framework Programme (FP7) represents a 60% increase in EU funding for research over the previous programme (FP6) now drawing to a close. The majority of this funding, under the [Cooperation](#) programme of FP7, will support trans-national, collaborative research projects in 10 broad scientific areas, bringing a critical mass of resources to bear on strategically-important challenges and technologies.

In addition, the newly-created [European Research Council \(ERC\)](#) will operate as a pan-European funding organisation, supporting high-impact, cutting-edge research through open and direct competition across the EU.

The expanded programme of 'Marie-Curie' activities funded under FP7's [People](#) programme will support researcher training, career development and mobility through a variety of fellowships and networking activities.

The **Capacities** programme is designed to optimise the development and use of research facilities in Europe by supporting, for example, research infrastructures, high-tech SMEs, regional clusters and international cooperation.

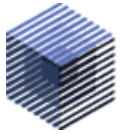
- Private company
- Public organisation
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- Outside the EU



How can I participate in FP7?



- **As part of an international cooperative project** – through the [Cooperation](#) and [Capacities](#) programmes.
- **As part of a single research group** – under the [Ideas](#) programme, through the ERC.
 - ERC Starting Independent Researcher Grants (ERC Starting Grants)
 - ERC Advanced Investigator Grants (ERC Advanced Grants)
- **As an individual researcher** through the [People](#) programme.



People programme



- The € 4.7 billion 'People' programme in FP7 will enable tens of thousands of researchers to benefit from fellowships for research training. These will be for researchers across the board – from those at the beginning of their careers to the more advanced.
- It will have a strong emphasis on **industry participation**, because mobility needs to be across sectors as well as borders. The programme will help with training and career development in different sectors, especially in the private sector.
 - To take part in most of the Marie Curie Actions, a researcher must be prepared to move country. Mobility is defined using the following criteria:
 - Firstly, the researcher should not be a national of the state in which they plan to move and carry out their research;
 - Secondly, the researcher has not lived, worked or studied in that country for more than 12 months out of the three years immediately prior to either the time of application, or the start of their work (depending on the action).



Seventh Research Framework Programme (FP7)

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• Ideas

The Commission's [revised FP7 proposals](#) provide for [EUR 7 510 million](#) for an '**Ideas**' programme that aims to enhance dynamism, creativity and excellence in European research at the frontier of knowledge by supporting 'investigator-driven' research projects across all fields by individual teams competing at a European level. Projects will be funded based on proposals presented by researchers on subjects of their choice, evaluated on scientific excellence by peer review.

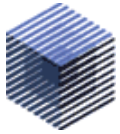
The Ideas programme proposes a trans-European mechanism to support creative scientific research designed to generate new knowledge that opens up new avenues for technological progress and new solutions for social and environmental problems. This '**frontier research**', which will be at the heart of the Ideas programme, is a new approach to basic research that is, by virtue of its nature, risky and cuts across established disciplinary boundaries and national borders.

A European Research Council to support basic, frontier research

By promoting "frontier research", the Specific Programme will aim to put European research in a leading position, opening the way to creating new scientific and technological results and probably unexpected results.

- [Ideas Home](#)
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What predecessors did?



- Witnesses by former ATTO Network fellows:
 - Dr. Zaza Sartania – VP Quantronix USA
 - Prof. Markus Drescher – U Hamburg
 - Prof. Milutin Kovacev – U Hannover
 - Dr. Marcel Anscombe – European Patent Office