



Marie Curie Actions

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European Commission





EUROPEAN
COMMISSION

Community research

Marie Curie Actions

Main characteristics

- **Open to all domains of research (bottom-up)**
- **Application through calls for proposals**
- **Selection criteria:**
 - S&T quality**
 - Quality of participants**
 - Implementation**
 - Impact**
- **Trans-national and intersectorial mobility**
- **Budget covers mainly salaries of researchers**





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Marie Curie Actions

* Initial training (~40% budget)

Initial Training Networks

Life-long training and career development (~25-30% budget)

Intra-European Fellowships / European Reintegration Grants
Co-funding of regional/national/international programmes

* Industry dimension (~5-10% budget)

Industry-Academia Partnerships and Pathways

* International dimension (~25% budget)

Outgoing & Incoming International Fellowships; International Cooperation Scheme; International Reintegration grants; Support to researcher 'diasporas'

Policy support actions (~1% budget)

Mobility and career enhancement actions



* Open to South African researchers





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Marie Curie Actions

Applicants

Individual
researchers

Industry/Research
Institutions

Research
funding bodies

Profile of recruited
researchers

Senior Post-docs

> 10 years

Post-docs

> 4 years

Post-graduates

< 4 years

IEF

OIF

IIF

ERG

IRG

IAPP

IRSES

ITN

COFUND





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Individual actions:

Applicants are
**individual researchers in liaison with
host institution**





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Individual postdoc fellowships

Actions:

- Intra-European Fellowships (IEF)

WORLD FELLOWSHIPS

- International Outgoing Fellowships (IOF)
- International Incoming Fellowships (IIF)





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International Outgoing Fellowships (IOF) next deadline 17 August 2010

**To reinforce international mobility in the
careers of European researchers**

- 1-2 years (full-time) period outside Europe (e.g. South Africa)
- 1 year compulsory return to Europe phase
- Personal Career development plan





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International Incoming Fellowships (IIF) next deadline 17 August 2010

To reinforce European research organisations with excellent researchers from 3rd Countries

- 12 to 24 months (full-time) period in Europe
- Third country nationals
- Return grant of one year possible for ICPC countries **e.g. ZA** of €15,000 (or ~165,000 ZAR)





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Host-driven actions:

**Applicants are
institutions/organisations**





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Initial Training Networks (ITN)

To improve career perspectives of early stage researchers in both public & private sector

- Joint research training programme
- For nationals of any country other than where the host is located
- Support mainly early stage training (up to 36 months)

Structuring the Initial Training of Researchers at EU level

- International Networks of Participants
- Mutual recognition of Training/Diplomas
- Opening training events to external researchers
- Complementary skills acquisition: entrepreneurship, management, IPR, grant writing, communication





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ITN

**next deadlines 22 Dec 2009,
end-2010**

Participant rules:

- Participants: universities, research centres, companies, SMEs
- Typically: ≥ 3 different MS or AS
- Involvement of private sector essential

Eligible researchers : From anywhere in the world

- **early-stage researchers** (3-36 months)
- experienced researchers (max 24 months)
- visiting scientists (experienced researchers): short stays

Community Contribution:

- Salaries of recruited researchers / visiting scientists
- Research & networking costs





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"GATEWAYS"

ITN

Partners:

- 1 (Coordinator) Uni Autònoma de Barcelona
- 2 Cardiff Uni
- 3 Uni Kiel
- 4 Stichting Koninklijk Nederlands Instituut voor Zeeonderzoek
- 5 Vereniging voor Christelijk Hoger Onderwijs Wetenschappelijk Onderzoek en Patientenzor
- 6 Geological Survey of Israel
- 7 University of Cape Town
- 8 Christian-Albrechts-Uni Kiel
- 9 Climate Risk Analysis, Germany

Training Partners:

- 1 French SME "Project Management & Training"
- 2 German public body "Deutsches Klimarechenzentrum", Hamburg
- 3 Swiss SME "Simultec Environmental Consulting", Zurich
- 4 German SME "IT-BO Internet Developer & Manager"

Project Aims

**Training 15 postgrads (2 in ZA)
& 3 early postdocs (ER)**

Interdisciplinary climate change research on an ocean regime of regional & global significance of Agulhas Current off southern Africa.





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Industry–Academia Partnerships (IAPP)

Foster collaboration between non-commercial & commercial research organisations

- Based on common research project
- Intersectoral mobility and skills exchange
- Staff secondments and recruitments of experienced researchers
- Networking activities and research costs





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IAPP

next deadline end-2010

Participant rules:

- **≥ 1 non-commercial from & ≥ 1 commercial research organization**
- Located: ≥ 2 diff. European countries
- Additional partners **from any sector & from any other country** welcome

Community contribution:

- Staff secondments
- Recruitment of experienced researchers (optional)
- Research & networking costs
- Specific small equipment for SMEs: $\leq 10\%$ total contribution





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"AIMS"

IAPP

Non-Commercial

Institute of Geophysics, Prague CZ **IG**
Institute of Rock Structure & Mechanics,
Prague CZ **IRSM**
Geophysical Institute, Bratislava SK **SAS**
Charles University, Prague CZ **DGCU**

Commercial

NORSAR Innovations AS, Kjeller
NORSAR
ProgSeis, Trnava, SK **PROG**
Engineering Seismology Group,
Kingston, Canada, **ESG**
ISS International Limited,
Stellenbosch **ISS**

Project Goals

The project will foster cooperation between academic researchers in theoretical and observational earthquake seismology and private research teams monitoring a natural or induced microseismic activity for industrial purposes.

Secondments:

7 experienced researchers = 34 months
23 senior researchers = 88 months

Recruitment:

2 experienced researchers = 36 months

Conferences/Workshops = 5





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"AIMS"

IAPP

Mobility scheme

ISS Involvement

Prague IG → ISS Stellenbosch

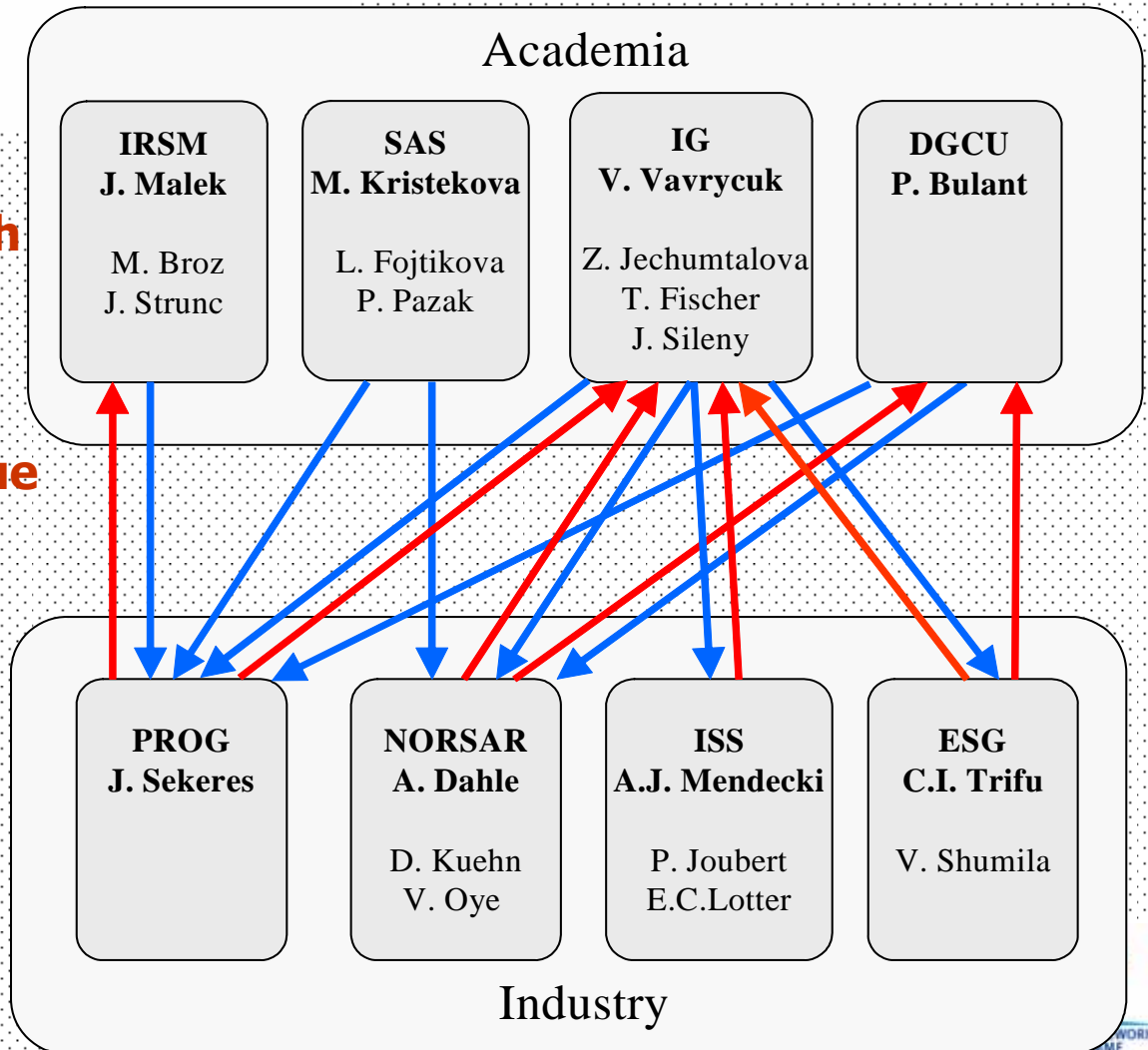
3 x 2 months Senior Scientist

Stellenbosch ISS → IG Prague

2 x 1 month Senior Scientist

2 x 2 Experienced researcher A

2 x 2 Experienced researcher B



WORK ME



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International Research Staff Exchange Scheme (IRSES)

For EU Neighbourhood Countries &
Countries with S&T Agreement *

- ≥ 2 research organisations within EU/Ass Countries and ≥ 1 organisation in 3rd countries (e.g. ZA).
- Duration: 2-4 Years
- Partners institutes to select their staff for exchange

* Including South Africa





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IRSES

next deadline 25 March 2010

- Short term stays (between 1 and 12 months)
- Eligible: Research, technical & management staff
- Researchers keep salary at home institution & return
- In principle 50%-50% (each funding its outgoing staff), but EU funding of ICPC countries is possible
 - ➔ Funds cover travel and subsistence of the researcher (per researcher : € 1900 or 2100/month)





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“LEGIM”

IRSES

Partners

- 1 University of Newcastle Upon Tyne, UK
- 2 **University of Pretoria, ZA**
- 3 Ghent University, BE

Research Goals

To identify and characterize genes & proteins that control nodule development and senescence in legumes.

To advance current knowledge that can be ultimately be used for the improvement of legume crops in African agriculture





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"LEGIM"

IRSES

<i>Partner country</i>	<i>Staff to be exchanged</i>	<i>Duration (months)</i>	<i>Total person months</i>
United Kingdom	4 researchers	17	
	1 team leader	3	
	2 research office	2	22
Belgium	2 researchers	8	
	1 team leader	3	11
South Africa	7 researchers	30	
	1 team leader	3	
	1 research office	1	34
Total	19 Exchanges	67	67





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Profile of recruited
researchers





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Community contributions Gross (2010 rates)

Fellow expenses

Annual Living allowance*

€ 36 700 (ESR: post-grad) [~ 15,750 ZAR/month]

€ 56 400 (ER: 4-10 years) [~24,250 ZAR/month]

€ 84 500 (MER: > 10 years) [~36,300 ZAR/month]

Mobility allowance* € 500 or 800 per month ~2600/4100 ZAR

Travel allowance € 250 to 2500 per year

Career exploratory allowance € 2000 per recruitment > 1 year

Host expenses

Research/training/networking costs € 600/1200 or 800 per month

Small equipment for SMEs max. 10 % of SME contribution

Overheads 10% of direct costs

Management costs max. 3% or 7% of total contribution



*Correction Coefficients apply: ZA = 46.9%





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For more information

- Marie Curie website:

<http://ec.europa.eu/mariecurieactions>



- Cordis FP7 website:

<http://cordis.europa.eu/fp7/>

- FP7 Calls:

<http://cordis.europa.eu/fp7/dc>

- The European Researcher's Mobility Portal:

<http://ec.europa.eu/eracareers>

- Enquiries:

<http://ec.europa.eu/research/enquiries>

