

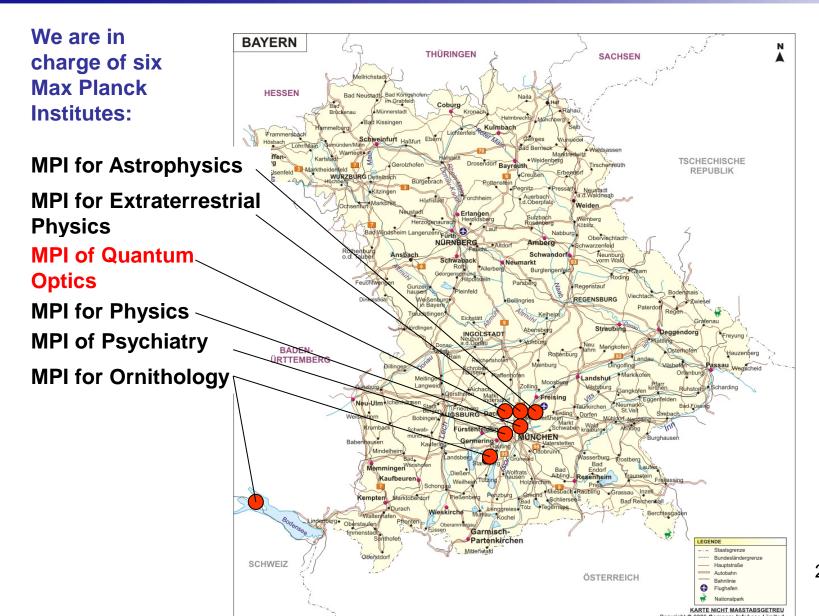
EU Grants and Fellowships for Post-docs

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Regional EU-Office Bavaria





Regional EU-Office Bavaria

Our main tasks:

Information about contents of programmes and funding schemes

Analysis of your project idea – find the right funding scheme

Assistance with proposal preparation

Proposal check

Support in project management

Organisation of events and workshops



Presentation structure

Part I: Marie Curie Actions 2013

- I. Marie Curie Actions Introduction
- II. Marie Curie Fellowships
- III. Marie Curie Career Integration Grant
- IV. Marie Curie Actions Application and evaluation

Part II: Horizon 2020 - overview

Part III: European Research Council (ERC) Grants

- I. ERC Objectives
- II. ERC Starting and Consolidator Grants











Specific Programme PEOPLE

= Marie Curie Actions





- > include individual actions
- > open to all areas of research "bottom up"



Objectives





Overall strategic objective:

Make Europe more attractive for researchers.

"The Specific Programme [People] aims to strengthen, quantitatively and qualitatively, the human potential in research and technology in Europe, by stimulating people to take up the profession of a researcher, encouraging European researchers to stay in Europe, and attracting to Europe the best researchers from the entire world."

(PEOPLE work programme 2013, p. 4)



Concept of research experience





Early-stage researchers:

- must be [...] in the first four years (FTE*) of their research careers and have not yet been awarded a doctoral degree.
 - starting at the date of obtaining a degree which would formally entitle them to embark on a doctorate

Experienced researchers:

- must at the time of the relevant deadline for submission of proposals [...] be in possession of a doctoral degree OR
- have at least four years (FTE) of research experience

^{*}full-time equivalent



Mobility rule

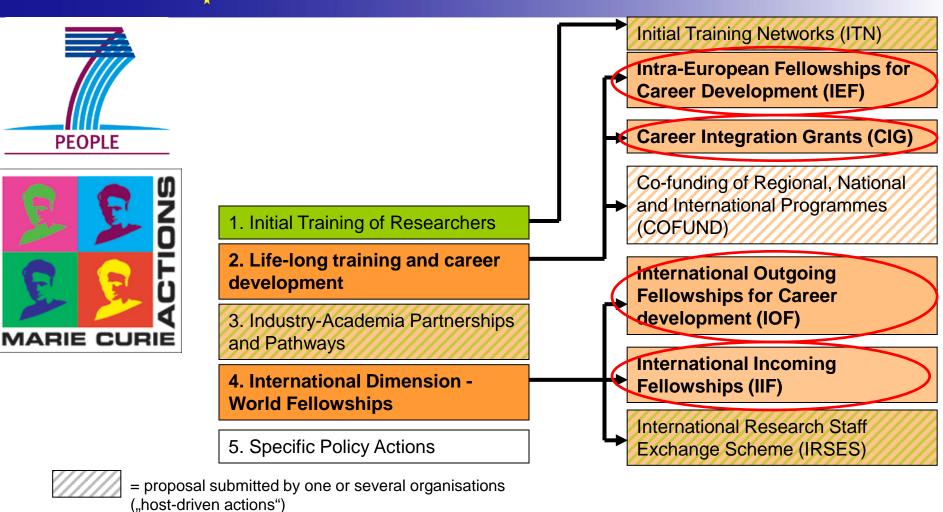




"At the time of the relevant deadline for submission of proposals, [...] researchers shall not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date. Compulsory, national service and/or short stay such as CERN taken into account. As far as international European interest organisations or international organisations are concerned, this rule does not apply to the hosting of eligible researchers, however the appointed researcher must not have spent more than 12 months in the 3 years immediately prior to the reference deadline for submission of proposals [...], in the same appointing organisation."



Activities and funding schemes



= proposal submitted by an individual researcher in conjunction with the host organisation ("researcher-driven actions")



Individual funding schemes





"Experienced researcher"

of any age, any nationality...

I'm currently working in a MS/AS and I would like to work in a third country

I'm currently working in a third country and I would like to work in a MS/AS

I will move to a
European country
because I have been
offered a (permanent)
position there

ntra European Fellowship (IEF)

I'm currently

working in a

MS/AS and I

would like to

work in another

1-2 years

MS/AS

International
Outgoing
Fellowship (IOF)

1-2 years + 1 year reintegration phase in MS/AS

International Incoming Fellowships (IIF)

1-2 years+ 1 year reintegration phase if ICPC****

Career Integration Grant (CIG)

up to 4 years

Deadline: 14 August 2013, 11.90brs Brussels time

Next cut-off date: 19

Next cut-off date: 19

Next cut-off date: 19

Next cut-off date: 19

17:00hrs Brussels

time

^{*}EU Member State

^{**}Associated countries to FP7 (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, Macedofia, Montenegro, Norway, Moldova, Serbia, Switzerland, Turkey)

^{***}countries which are neither EU Member States nor Associated countries

^{****} International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1.1)



Intra-European Fellowship (IEF)





Objectives:

- support the career development or restart through competence diversification (multi- or interdisciplinary expertise, intersectoral experience, complementary skills...)
- reach and/or reinforce a position of professional maturity/independence
- Duration: 1-2 years
- the research project should help to significantly advance the career and should not represent a temporary solution
- Individual applies together with the host institution



Individual funding schemes





"Experienced researcher"

of any age, any nationality...

I'm currently working in a MS/AS and I would like to work in another MS/AS

I'm currently working in a MS/AS and I would like to work in a third country

I'm currently working in a third country and I would like to work in a MS/AS

I will move to a
European country
because I have been
offered a (permanent)
position there

Intra European Fellowship (IEF)

1-2 years

International
Outgoing
Fellowship (IOF)

1-2 years + 1 year reintegration bhase in MS/AS

International Incoming Fellowships (IIF)

1-2 years+ 1 year reintegration phase if ICPC****

Career Integration Grant (CIG)

up to 4 years

Next cut-off date: 18
September 2013,
17:00hrs Brussels
time

obrs Brussels time

Deadline: 14 August 2012,

^{*}EU Member State

^{**}Associated countries to FP7 (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, Macedon Montenegro, Norway, Moldova, Serbia, Switzerland, Turkey)

^{***}countries which are neither EU Member States nor Associated countries

^{****} International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1.1)



International Outgoing Fellowship (IOF)





Objective:

reinforce the international dimension of your research career and advance your career in Europe towards professional maturity and independence: acquire new competences (multi- or interdisciplinary expertise, intersectoral experience, complementary skills...)

- Duration: 1-2 years outgoing phase + 1 year reintegration phase in MS/AS (mandatory)
- Third country nationals (not from EU Member States or Associated States) are eligible to apply if they have resided and carried out their main activity in MS/AS for at least the 5 years prior to the submission deadline
- Mobility rule applies to the outgoing host organisation
- Individual applies together with the return host institution



Individual funding schemes





"Experienced researcher"

of any age, any nationality...

I'm currently working in a MS/AS and I would like to work in another MS/AS I'm currently working in a MS/AS and I would like to work in a third country I'm currently working in a third country and I would like to work in a MS/AS

I will move to a
European country
because I have been
offered a (permanent)
position there

Intra European Fellowship (IEF)

1-2 years

International
Outgoing
Fellowship (IOF)

1-2 years + 1 year reintegration phase in MS/AS

International Incoming Fellowships (IIF)

1-2 years+ 1 year reintegration phase if ICPC****

Career Integration Grant (CIG)

up to 4 years

Deadline: 14 August 2013, 77.90hrs Brussels time

Next cut-off date: 18.
September 2013,
September 2013,
17:00hrs Brussels
time

^{*}EU Member State

^{**}Associated countries to FP7 (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, Macedo**1**i**5** Montenegro, Norway, Moldova, Serbia, Switzerland, Turkey)

^{***}countries which are neither EU Member States nor Associated countries

^{****} International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1.1)



International Incoming Fellowship (IIF)





Objectives:

- reinforce scientific excellence of EU MS/AS
- share knowledge and develop mutually beneficial research cooperations
- Duration: 1-2 years + possible return phase for nationals from ICPC countries: support for the application of the acquired knowledge in the country of origin
- Individual applies together with the host institution



Fellowships – funding (IEF)





- Monthly living allowance * country correction coefficient
- Monthly mobility allowance * country correction coefficient
- Contribution to the training expenses of eligible researchers
- Contribution to overheads * country correction coefficient

You can find the applicable rates in Annex 3 (p. 65) in the 2013 People work programme.



Funding: Example IEF

A married* IEF-fellow, 8 years** after his PhD, goes to Israel***:

Fellow: Living allowance: 58.500 € x 109,8 = 64.233,00 €

Mobility allowance: 12.000 € x 109,8 = 13.176,00 €

77.409,00€

Host: Training contribution: 9.600 € 9.600,00 €

Overheads $8.400 \in x \ 109.8 = 9.223.20 \in x \ 109.20 = 9.223.20 \in x \ 109.8 = 9.223.20 \in x \ 109.20 = 9.223.20 \in x \ 109.20 = 9.223.20 = 9.223.20 = 9.223.20 = 9.223.20 = 9.223.20 = 9$

Total budget of the project per year:

96.232,20 €

* Mobility allowance with family (married and/or children): 1000 €/ month; without family: 800 €/ month. Reference date is the deadline of the call

** Living allowance yearly rates depend on research experience: < 10 years: 58.500 €;

> 10 years: 87.500 €

associated country to the FP7 with a correction factor of 109.8

(Work Programme 2013, pp. 65 – 70)



Individual funding schemes





"Experienced researcher"

of any age, any nationality...

I'm currently working in a MS/AS and I would like to work in another MS/AS

Intra-European Fellowship (IEF)

1-2 years

I'm currently working in a MS/AS and I would like to work in a third country

International
Outgoing
Fellowship (IOF)

1-2 years + 1 year reintegration phase in MS/AS

I'm currently working in a third country and I would like to work in a MS/AS

International Incoming Fellowships (IIF)

1-2 years+ 1 year reintegration phase if ICPC****

I will move to a European country because I have been offered a (permanent) position there

> Career Integration Grant (CIG)

up to 4 years

Deadline: 14 August 2013, 17:00hrs Brussels time

*EU Member State

Next cut-off date: 18
September 2013,
17:00hrs Brussels
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^{**}Associated countries to FP7 (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, Macedonia, 19 Montenegro, Norway, Moldova, Serbia, Switzerland, Turkey)

^{***}countries which are neither EU Member States nor Associated countries

^{****} International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1.1)



Career Integration Grant (CIG)





Objective:

- improve the career prospects of researchers who have been offered a (permanent) position in Europe after a mobility period
- host organisation must offer an employment contract for at least the duration of the grant
- you cannot have benefited from a FP6 or FP7 Reintegration grant before
- funding: fixed-amount contribution to the employment and/or research costs of 25.000 EUR/year

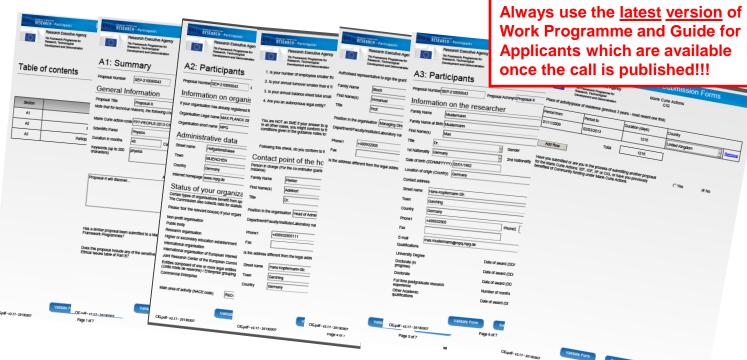


Structure of an application



A – Information on the proposal, the researcher, the host, the budget (forms)





The EU-Office can help you to fill in these forms!



Structure of an application (IEF)



B – Scientific proposal

Always use the <u>latest version</u> of Work Programme and Guide for Applicants which are available once the call is published!!!



Part B		Max. pages
Part B1	Research and Technological Quality	8
Part B2	Training	2

The EU-Office can check your proposal and assist you with the non-scientific parts!



Part B5	Impact	4
Part B6	Ethical issues	no max. length



You can find a detailed structure in the Guide for Applicants. Please register at the Participant Portal, choose the specific call and use the electronic template which is available via the Participant Portal Submission Service (PPSS) > Part B must be uploaded in pdf.



Additional: You can nominate up to three "referees" via PPSS once you have registered.



Evaluation of fellowship (IEF)





- criteria depend on the funding scheme and are linked to its objectives
- scores: 0 (fails) 5 (excellent)

IEF criteria and their weightings + thresholds:

- S & T quality: weighting: 25%, threshold: 3
- **Training**: weighting: 15%, threshold: 3
- Researcher: weighting: 25%, threshold: 4
- **Implementation**: weighting: 15%
- **Impact**: weighting: 20%, threshold: 3.5



Timeline (IEF 2013)





Publication of call: 14 March 2013

Deadline: 14 August 2013

Evaluation of proposals: October 2013

Evaluation summary report (ESR) sent to proposal coordinators ("initial information letter"): end of Nov 2013

- check
 http://ec.europa.eu/research/participants/portal/page/people
- Invitation letter to successful coordinators: Dec 2013

Contract negotiations ("NEF"): from January 2014

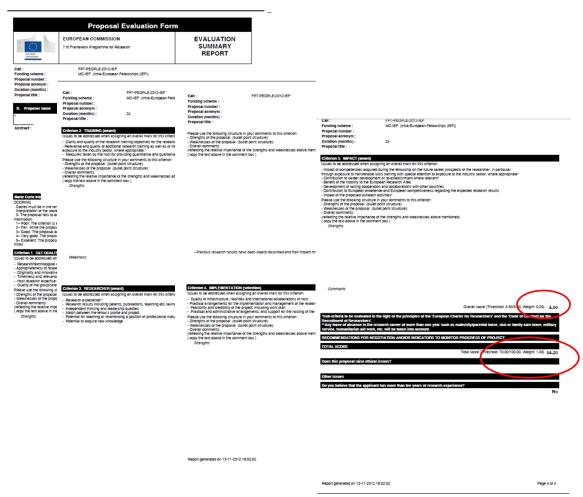
Earliest start of projects: from March 2014



Evaluation Summary Report (IEF)









Individual funding schemes





Deadlines

Fellowships (IEF, IIF, IOF):

Calls are published yearly

Deadline:

14 August 2013, 17:00:00 Brussels time

Career Integration Grant (CIG)

Two cut-off dates/ year

Last cut-off date:

18 September 2013, 17:00:00 Brussels time



Individual actions





Some Marie Curie projects conducted by MPQ scientists:

IEF YTTERBIUMSPINLATTICE: Ultracold atoms in state-dependent optical lattices for realizing novel classes of interacting spin systems and artificial gauge fields

IEF UPNEX: U

excitations

IOF SIXPAc & duration Acqu ray spectrosco

 IIF PEPS-Pro simulation of c dimensions: n



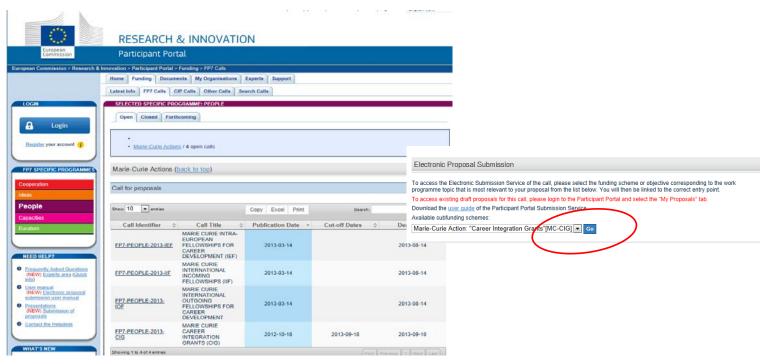
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EU Grants and Fellowships for Post-docs MPQ, 11 April 2013



Submission of EU proposals





select call on

http://ec.europa.eu/research/participants/portal/page/people&state=open

- → Information package: work programme, Guide for Applicants Participant Portal Submission Service (PPSS): registration mandatory for proposal preparation/submission
- → Additional documents: evaluation results
- submit well before the deadline (17:00:00 Brussels time)!!

Horizon 2020 - an overview



THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

Horizon 2020:

Framework programme for research and innovation 2014-2020

- Industrial Leadership
- Societal Challenges
- Excellent Science: reinforcing and extending the excellence of the EU's science base and consolidating European Research Area to make EU's Research & Innovation system more competitive on a global scale
 - Marie Skłodowska-Curie Actions
 - ERC
 - Future and Emerging Technologies (FET)
 - Infrastructures
 - Research Infrastructures



Marie Skłodowska-Curie Actions



Individual Actions

 Marie Skłodowska-Curie Fellowships: nurturing excellence by means of cross-border and cross-sector mobility (IEF, IOF, IIF)

Host driven Actions

- Initial Training Networks: training of early-stage researchers (ITN)
- International/Intersectoral transfer of knowledge: stimulating innovation by means of cross-fertilisation of knowledge
 - personnel exchange programmes between sectors, countries and disciplines
- COFUND: funding to existing or new regional and national fellowship programmes for research training and career development of European host institutions



European Research Council (ERC) Grants

HORIZON 2020

THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION



Call is expected
at the end of 2013/beginning 2014
Expected Deadline is spring 2014









Frontier Research:

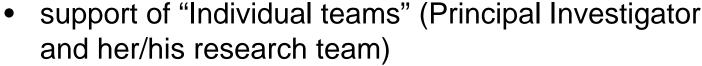
- provides attractive and flexible funding to enable talented individual researchers and their teams to pursue the most promising avenues at the frontier of science
- research in emerging areas which can cover elements of both basic and applied research.
 Projects are "high-risk high-gain".

Objective: reinforce excellence, dynamism and creativity in European research, improve the attractiveness of Europe



ERC Grants – Guiding Principles







- all fields of research are eligible
- scientific excellence as the sole criterion for selection
- PI applies together with host institution
- host institution commits to conditions of independence for PI



- research project must be carried out in EU member state or Associated country
- "portability" of grants
- Grant covers 100% of total eligible costs + up to 20% for indirect costs



ERC StG and CoG – Am I eligible?





- researchers of any age, any nationality, residing in any country of the world at the time of application
- researcher must be at the stage at which s/he is starting or consolidating her/his own independent
 research team/programme

Preliminary information

 PI must have been awarded his/her first PhD (or equivalent doctoral degree) at least 2 and less than 12 years prior to the publication date of the call for proposals (extensions possible for eligible career breaks)



ERC StG - Am I competitive?





Preliminary information

- you must have already shown the potential for research independence and evidence of scientific maturity: at least one important publication without the participation of your PhD supervisor
- you must be able to demonstrate a promising trackrecord of early achievements (appropriate to your research field and career stage):
 - significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals in your respective field
 - invited presentations in well-established international conferences
 - granted patents, awards, prizes etc.



Funding schemes





- ERC Advanced Investigator Grant: attract and reward established independent research leaders
- ERC Starting Independent Researcher Grant: attract and retain the next generation of independent research leaders with over 2 and up to 7 years research experience after doctoral degree (the exact date on the certificate is relevant)
- ERC Consolidator Independent Research Grant: attract and retain the next generation of independent research leaders with over 7 and up to 12 years after doctoral degree

ERC Proof of concept

support for ideas arising from Starting Grant/Advanced Grant projects => transfer into marketable innovation



Individual actions



Current ERC Starting Grant projects at MPI of Quantum Optics:

Starting Grant CREMA: Charge Radius experiment with muonic atoms

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* Keep the control key pressed to make more than one selection

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Websites

General information

Calls in FP7 on Participant Portal

http://ec.europa.eu/research/participants/portal/page/fp7_calls# http://erc.europa.eu/

German portal to FP7

www.forschungsrahmenprogramm.de

Koordinierungsstelle EG der Wissenschaftsorganisationen (KoWi)

www.kowi.de

EU-office of Federal Ministry of Education and Research

www.eubuero.de

Website Research of European Commission

http://ec.europa.eu/research/index.cfm

FP7 – Find a project

http://cordis.europa.eu/fp7/projects en.html

Mobility in Europe

Marie Curie Actions on CORDIS

http://cordis.europa.eu/fp7/mariecurieactions/home en.html

EURAXESS-Portal

http://ec.europa.eu/euraxess/

EURAXESS Germany

http://www.euraxess.de/portal/home en.html

German National Contact Point (NCP) Mobility

http://www.humboldt-foundation.de/web/3097.html

German NCP Mobility: Marie Skłodowska-Curie

http://www.humboldt-foundation.de/nks/horizon2020.html

European Research Council

Website of FRC

ERC on CORDIS

http://cordis.europa.eu/fp7/ideas/home en.html

German National Contact Point ERC

http://www.eubuero.de/erc.htm

ERC in Horizont 2020

http://www.kowi.de/desktopdefault.aspx/tabid-

402/1238 read-1909/

Horizon 2020

Official Homepage: Horizon 2020

http://ec.europa.eu/research/horizon2020/index en.cfm

Other funding opportunities

Research Professional

http://www.researchprofessional.com/

DAAD Stipendiendatenbank

http://www.daad.de/ausland/foerderungsmoeglichkeiten/stip endiendatenbank/00658.de.html



EURAXESS- Researchers in Motion

S OF RESEARCHERS IN MOTION

A joint initiative of the European Commission and the countries participating in the European Union's Framework Programme for Research

- Four main sections:
 - EURAXESS Jobs: recruitment tool
 - EURAXESS Services: network of Service Centres which offers support to researchers and their families who plan to move to a foreign country (visa, work permits, social security,...)
 - EURAXESS Rights: information regarding the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers



For individual consultations, please contact:

Attosecond Physics
Quantum Many Body Systems

Laser Spectroscopy
Theory

Verena.maier@mpq.mpg.de

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Link on internal webpage to EU-office website:

www.mpq.mpg.de/eubuero-bayern



ADVANCE NOTICE

Workshop for 2013 Marie Curie fellowship proposers: "Finishing touch" for your proposal

Successful applicants from the last call, the EU-Office and the National Contact Point Mobility will give practical advice to make your proposal highly competitive.



Marie Curie Workshop 2012

30 July 2013, 15:00 hrsMPE, New Seminar Room 1.1.18b



More information will be sent in time via our emailing list.



Thank you for your attention!

...Questions??