

Introduction to EU funding opportunities for PhD students and early Post-docs

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Regional EU-Office Bavaria

We are in **BAYERN** SACHSEN charge of six **Max Planck** HESSEN Institutes: **MPI** for Astrophysics **TSCHECHISCHE MPI** for extraterrestrial **Physics MPI of Physics MPI for Psychiatry MPI of Quantum Optics MPI** for Ornithology Partenkirchen - - Staatsgrenze Bundesländergrenze SCHWEIZ Hauptstraße ÖSTERREICH

KARTE NICHT MAßSTABSGETREU



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



Question upon question...





Presentation structure



- 1. Some basic knowledge
- 2. FP7 "People" / Marie Curie Actions
- 2.1 Marie Curie Actions Introduction
- 2.2 Marie Curie Fellowships
- 2.3 Marie Curie Career Integration Grant
- 3. FP7 "Ideas" / European Research Council (ERC)
- 3.1 ERC Objectives and Grants
- 3.2 ERC Starting Independent Researcher Grant
- 4. EU proposal structure and submission



Why funding for research on a European level?



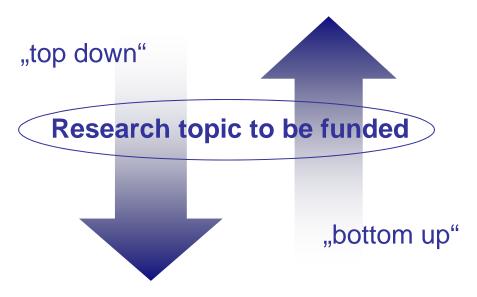




How does the EU fund research?

Definition of research topic: bottom up vs. top down

European Commission



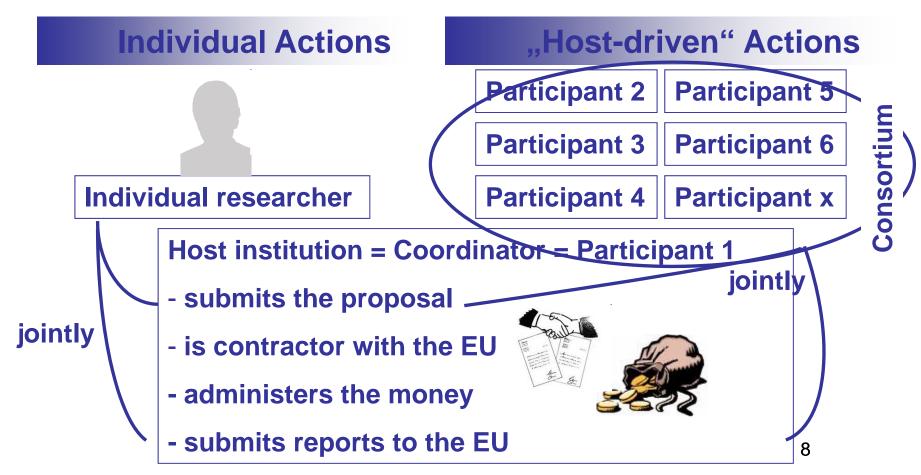
Scientific community



How does the EU fund research?

Applicant: individual actions vs. host-driven actions

All actions involve a coordinator – at least one "participant"





SIXTH FRAMEWORK PROGRAMME

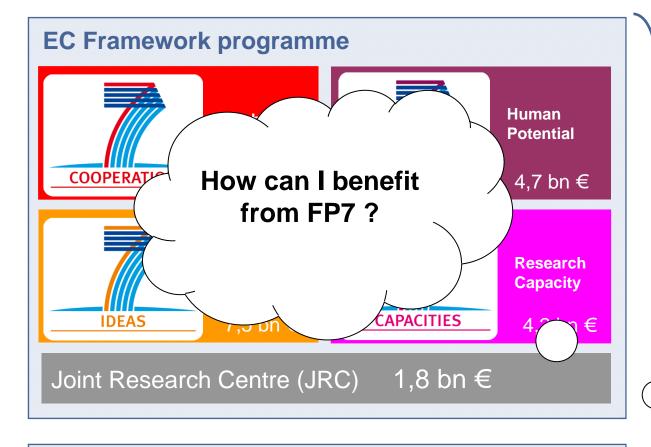
How does the EU fund research? Research Framework Programmes





FP7: 2007 - 2013





<u>Total</u> <u>53,3 bn €</u>

0

EURATOM Framework programme



2,7 bn € (for 5 years)

10



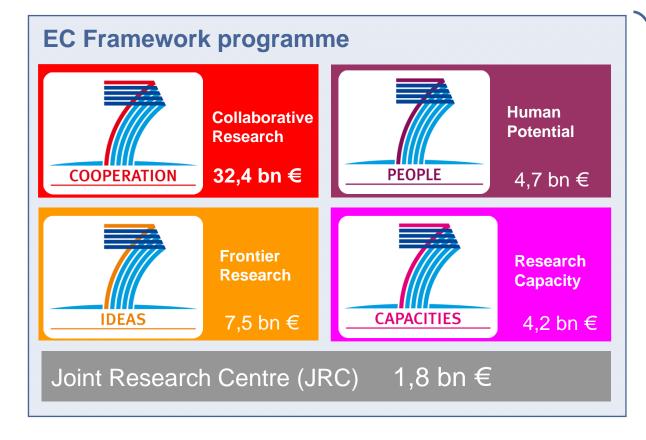
Why should I benefit from EU funding?

- EU framework programmes for research (like FP7) offer many individual actions for post-docs
- EU funding can boost your career (you compete on a European level!)
- => be **proactive** and **plan your career** well ahead:
 - ...time flies!!



FP7: 2007 - 2013





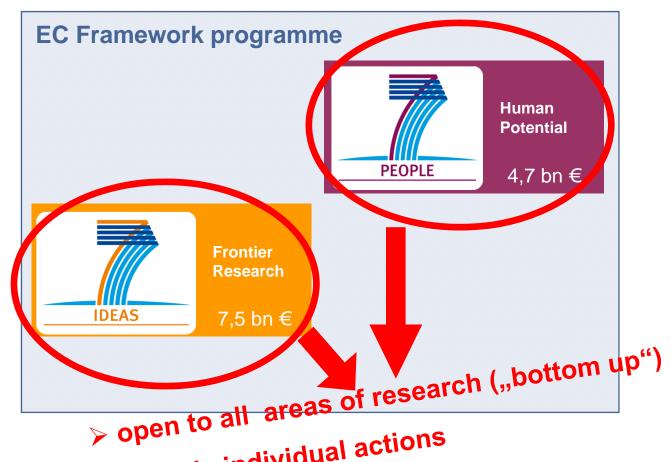
Total 53,3 bn €





Grants and fellowships in FP7 Specific Programmes





- > include individual actions



Specific Programme PEOPLE



Introduction to EU funding opportunities IMPRS-Astro, 20 March 2012



Specific Programme PEOPLE = Marie Curie Actions





Objectives





Overall strategic objective:

Make Europe more attractive for researchers.

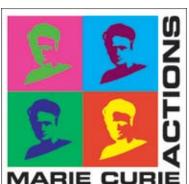
"The Specific Programme [People] aims to strengthen, quantitatively and qualitatively, the human potential in research and technology in Europe, by stimulating people to take up the profession of a researcher, encouraging European researchers to stay in Europe, and attracting to Europe the best researchers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

(PEOPLE work programme 2012, 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



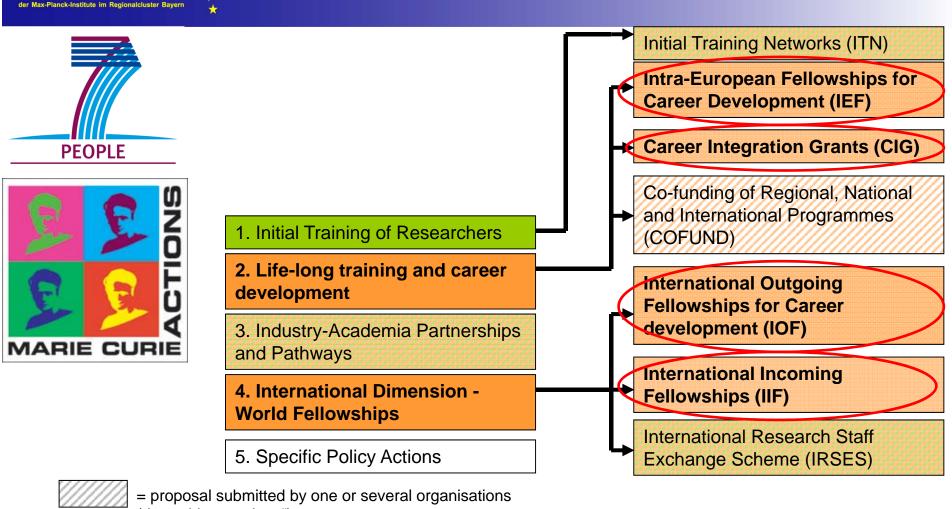


"At the time of the relevant deadline for submission of proposals, [...] researchers must not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date. Compulsory, national service and/or short stay such as ESO... s are not 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."

(PEOPLE work programme 2012, p. 8)



Activities and funding schemes

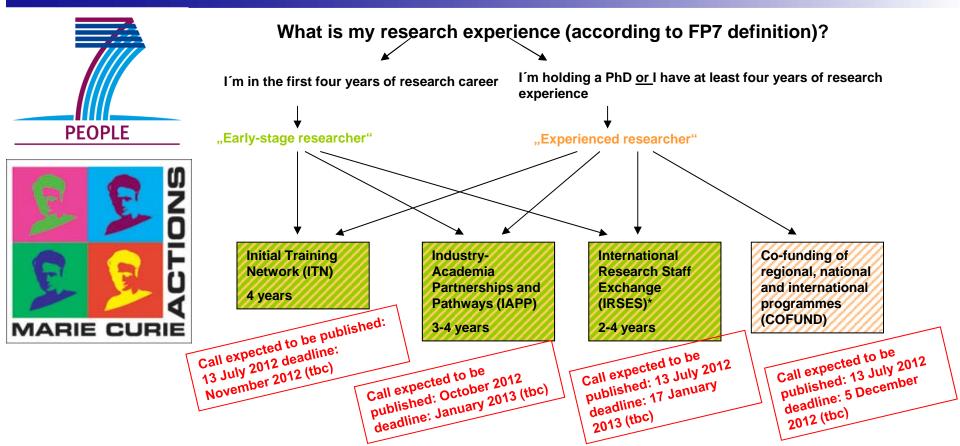


("host-driven actions")

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



"Host-driven actions"



You can find positions funded through these actions on

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

^{*}Eligible Third countries (2012): Algeria, Argentina, Armenia, Australia, Azerbaijan, Belarus, Brazil, Canada, Chile, China, Egypt, Georgia India, Japan, Jordan, Lebanon, Libya, Mexico, Morocco, New Zealand, Palestinian-administrated areas, Rep. of Korea, Russia, South Africa, Tunisia, Syrian Arab Rep. Ukraine, United States









ITN: improve career prospects for young researchers in transnational network

IAPP: staff exchange in research projects between public and private sector

IRSES: staff exchange in research projects between European countries and Third countries

COFUND: cofunding of existing exchange programmes



Host-driven actions – examples





Participation in Marie Curie host-driven actions ...at MPA:

 ITN CosmoComp: Pan-European training in computational cosmology: modelling cosmic structures

- IRSES **LACEG**/ European Gala

...at MPE:

- ITN RoPACS: R





Host-driven actions – Positions



Find a position in a Marie Curie host-driven action:

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







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

Intra 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

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Deadline: 16 August 2012, 11.00hrs Brussels time

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: 19
September 2012,
17:00hrs Brussels
time

^{*}EU Member State

^{**}Associated countries to FP7 (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, Macedonia, 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
- one call/year, deadline mid-August



Individual funding schemes





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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
- one call/year, deadline mid-August



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
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position there

Intra European Fellowship (IEF)

1-2 years

International
Outgoing
Fellowship (IOF)

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

Deadline: 16 August 2012, 11.90hrs Brussele

International Incoming Fellowships (IIF)

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

Career Integration Grant (CIG)

up to 4 years

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^{***}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 one-year return phase for nationals from ICPC countries: support (flat rate of 15.000 EUR) for the application of the acquired knowledge in the country of origin
- Individual applies together with the host institution
- one call/year, deadline mid-August

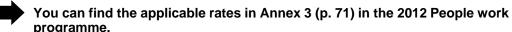


Fellowships – funding (IEF)





- 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





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

1-2 years

Fellowship (IEF)

MS/AS and I would like to work in a third country

I'm currently

working in a

International **Outgoing** Fellowship (IOF)

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

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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: 16 August 2012, 17:00hrs Brussels time

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^{***}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
- two cut-off dates per year (spring/autumn)









Ideas - ERC





The Specific Programme IDEAS is implemented by the **European Research Council (ERC):** the first pan-European funding agency for Frontier Research

Frontier Research: 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 by attracting researchers to Europe



Funding schemes





Funding Schemes

- ERC Advanced Investigator Grant: attract and reward established independent research leaders
- ERC Synergy Grant: support for groups of 2 4 Principal Investigators and their teams
- **ERC Starting Independent Researcher Grant**: attract and retain the next generation of independent research leaders
- ERC Proof of concept support for ideas arising from Starting Grant/Advanced Grant projects => transfer into marketable innovation



ERC Grants – Guiding Principles





- all fields of research are eligible => "bottom up"
- scientific excellence as the sole criterion for selection
- PI applies together with host institution in EU MS/AS
- host institution commits to conditions of independence for PI
- "portability" of grants
- Grant covers 100% of total eligible costs + up to 20% for indirect costs



ERC Starting Grant





- Objective: improve career opportunities and help to gain independence
- funding of up to 1.5 Mio. EUR, in exceptional cases up to 2 Mio. EUR
- duration: up to 5 years
- calls are published once a year
- next call expected to be published in summer 2012
 with deadlines in autumn 2012
 - ⇒please consult the work programme/Guide for Applicants to be published this summer for the applicable rules



ERC StG - Eligibility





Am I eligible?

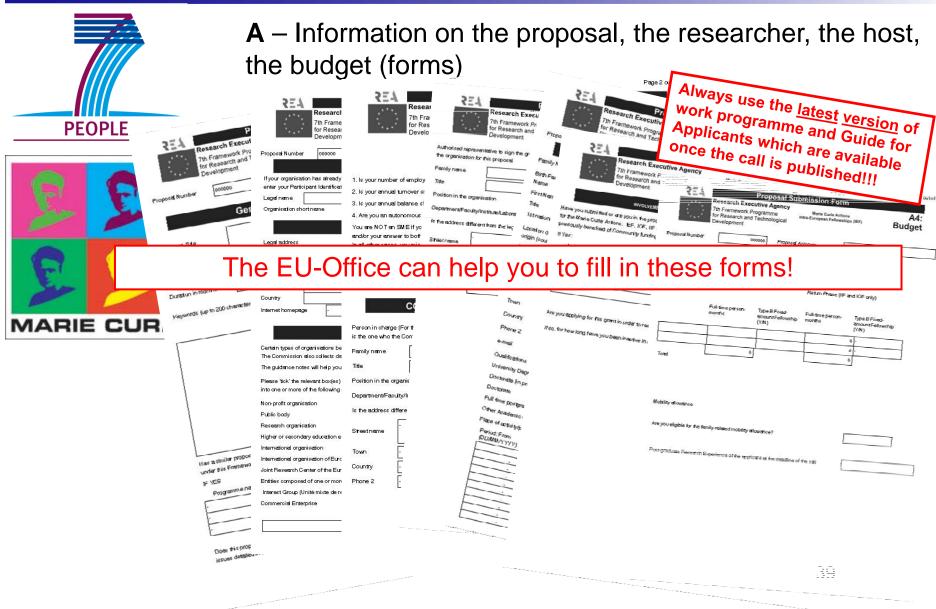
- any age, any nationality
- career stage: starting or consolidating your own independent research team/programme
- "time window": first PhD <u>at least 2 and less than 12 years</u> prior to the publication date of the call for proposals (extensions possible)

Am I competitive?

- at least one important publication without the participation of your PhD supervisor
- "promising track-record of early achievements"



Structure of an application (IEF) I





Structure of an application (IEF) II



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!!!



MARIE CURIE

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



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

- You can find a detailed structure in the Guide for Applicants. Please use the electronic template which is available in EPSS once you have registered.
- You can nominate up to three "referees" via EPSS 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 2012)





Publication of call: 13 March 2012

Deadline: 16 August 2012

Evaluation of proposals: October 2012

Evaluation summary report (ESR) sent to proposal coordinators ("initial information letter"): end of Nov 2012

check
http://ec.europa.eu/research/participants/portal/page/people

> Invitation letter to successful coordinators: Dec 2012

Contract "negotiations": from January 2013

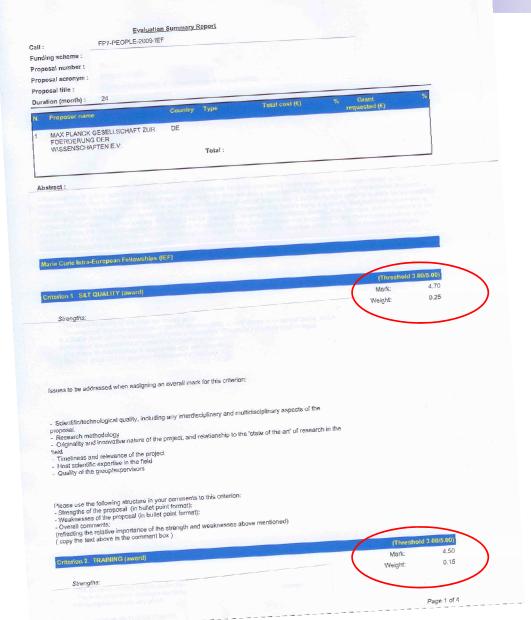
Earliest start of projects: from March 2013



Evaluation Summary Report (IEF)



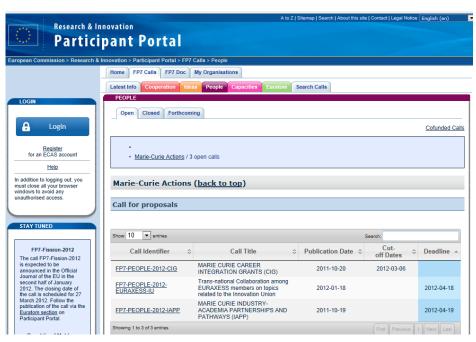






Submission of EU proposals





select call on

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

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



Successor of FP7



- Horizon 2020: Framework programme for research and innovation 2014-2020
- Proposed structure:
 - Excellent Science
 - ERC
 - Marie Curie Actions
 - other actions
 - Industrial Leadership
 - Societal Challenges



Websites

General information

Calls in FP7 on Participant Portal

http://ec.europa.eu/research/participants/portal/page/fp7 c alls#

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

European Research Council

Website of ERC

http://erc.europa.eu/

ERC on CORDIS

http://cordis.europa.eu/fp7/ideas/home_en.html

German National Contact Point ERC

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

Other funding opportunities

Research Professional

http://www.researchprofessional.com/

DAAD Stipendiendatenbank

http://www.daad.de/ausland/foerderungsmoeglichkeiten/stipendien datenbank/00658.de.html





Information for MPA, MPE, MPP:

- Kathrin Zahr, Tel. 32905-231
 kathrin.zahr@mpq.mpg.de
- link on internal webpage to EU-office website:

www.mpq.mpg.de/eubuero-bayern

- Information corner in AstroBibliothek





»Forschen in Europa: Nationale und europäische Forschungsförderung«

Informationsveranstaltung zur Nachwuchsförderung – Ludwig-Maximilians-Universität München, 27. März 2012

Campus Großhadern, Haus F, Butenandtstr 13, 81377 München

	Hörsaal 1				
ab 9:30	Eröffnung der Veranstaltung und Begrüßung				
	Prof. Dr. Beate Kellner, Vizepräsidentin für Forschung an der Ludwig-Maximilians-Universität München				
	Dr. Jens-Peter Gaul, Leiter der Kooperationsstelle EU der Wissenschaftsorganisationen (KoWi)				
	Dr. Martin Lange, Europäische Kommission, GD Bildung und Kultur, Marie Curie-Maßnahmen, Policy Officer "Die Marie Curie-Maßnahmen in Horizon 2020"				
ab 10:30	Deutsche und europäische Förderorganisation ler/innen vor:	nen stellen ihre F	Programme für Nachwuchswissenschaft-		
	Hörsaal 2 Hörsaal 1				
	Graduierten- I Doktorandenförderung:		Förderprogramme für Postdoktoranden/ Nachwuchsgruppen:		
10:30 - 10:45	Nachwuchsförderung an der TUM: TUM Graduate School	10:30 - 10:45	Nachwuchsförderung an der LMU		
10:45 - 11:15	Begabtenförderungswerke: Stiftung der Deutschen Wirtschaft	10:45 - 11:15	Alexander von Humboldt-Stiftung (AvH)		
11:15 - 11:45	Deutscher Akademischer Austauschdienst (DAAD)	11:15 - 11:45	Max-Planck-Gesellschaft (MPG)		
11:45 - 12:00	Nachwuchsförderung an der LMU: GraduateCenter ^{LMU}	11:45 - 12:00	Nachwuchsförderung an der TUM		
12:00 - 13:00	Mittagspause				
13:00 - 13:45	Deutsche Forschungsgemeinschaft (DFG)	13:00 - 13:30	Deutscher Akademischer Austauschdienst (DAAD)		
13:45 - 14:15	Max-Planck-Gesellschaft (MPG)	13:30 - 14:00	VolkswagenStiftung		
14:15 - 14:45	Gerda Henkel Stiftung	14:00 - 14:30	Helmholtz-Gemeinschaft (HGF)		
14:45 - 15:15	Fraunhofer-Gesellschaft (FhG)	14:30 - 15:15	Deutsche Forschungsgemeinschaft (DFG)		
15:15 - 15:45	Kaffeepause				
15:45 - 16:30	Marie Curie-Maßnahmen der Europäischen Kommission, KoWi	15:45 - 16:15	Leibniz-Gemeinschaft (WGL)		
16:30 - 17:00	Helmholtz-Gemeinschaft (HGF)	16:15 - 16:30	Deutsch-Israelische Stiftung		
		16:30 – 17:00	Marie Curie-Maßnahmen der Europäischen Kommission, KoWi		
17:00 - 17:30	Leibniz-Gemeinschaft (WGL)	17:00 - 17:30	Fraunhofer-Gesellschaft (FhG)		

ADVANCE NOTICE

Event for Post-docs and PhD Students

Please register here:

http://www.kowi.de/desktopdefault.aspx/tabid-107/veranid-134/

27 March, 9:30-17:30h LMU – Campus Großhadern



ADVANCE NOTICE

Workshop for 2012 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.

> 2 August, 14-17:30h Max Planck Institute for Astrophysics

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



Thank you for your attention!

...Questions??