

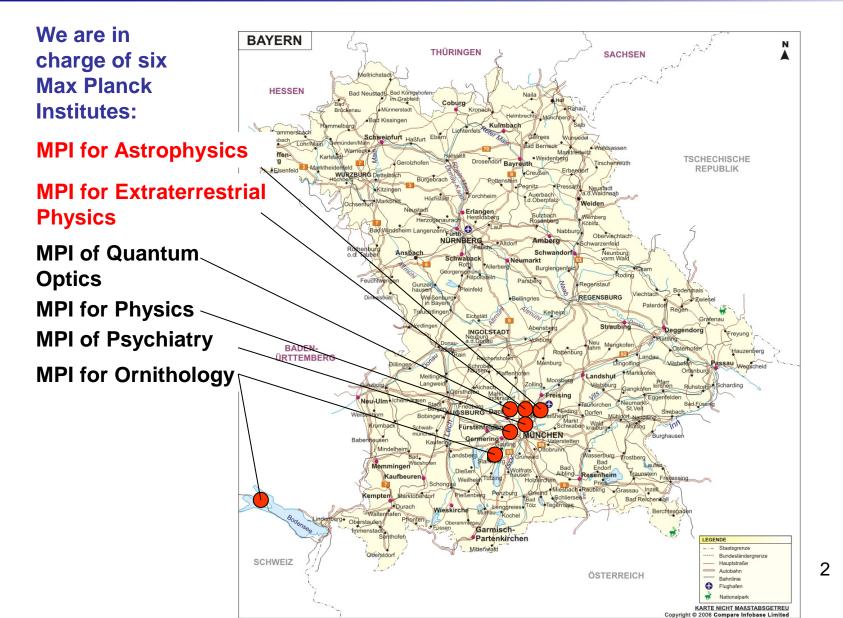
# EU grants and fellowships for postdocs

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## **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



#### 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

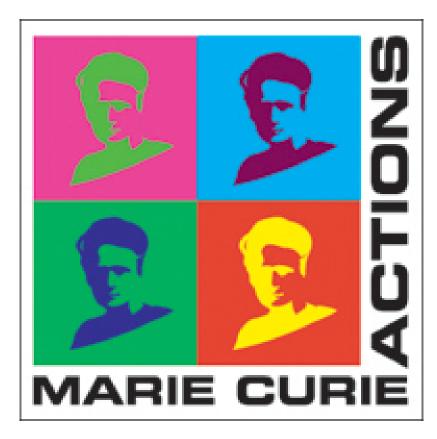


New Framework Programme Horizon 2020 (2014-2020)





## 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)







#### **Early-stage researchers:**

 must be [...] in the first four years (FTE\*) of their research careers and have not yet been awarded a doctoral degree.

 $\Rightarrow$  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 <u>at least</u> four years (FTE) of research experience

\*full-time equivalent



## Mobility rule



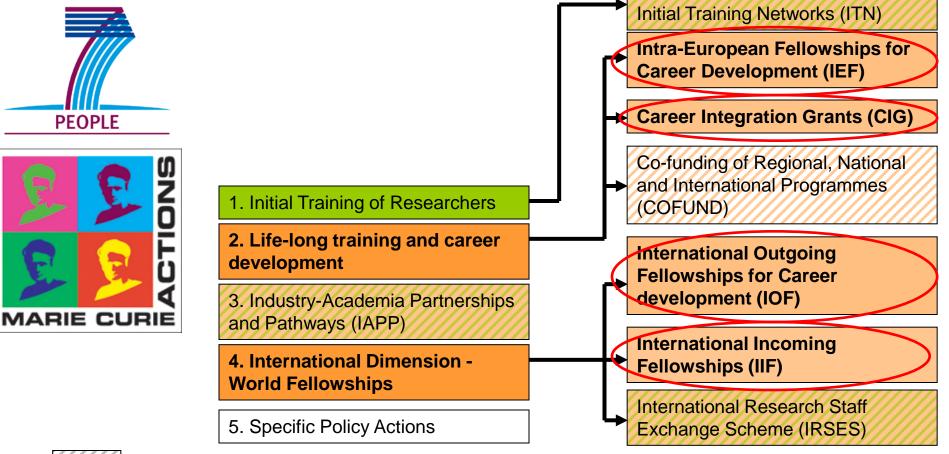


"At the time of the relevant deadline for submission of proposals, [...] researchers shall not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date. Compulsory national service and/or short stays such as holidays 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 2013, p. 8)

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## Activities and funding schemes

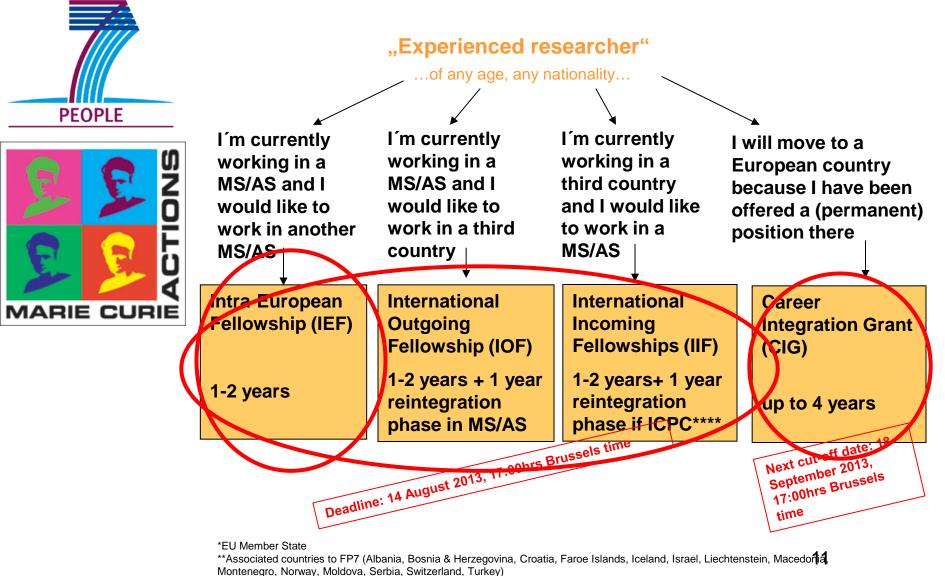


= proposal submitted by one or several organisations ("host-driven actions")

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



## Individual funding schemes



<sup>\*\*\*</sup> countries which are neither EU Member States nor Associated countries

<sup>\*\*\*\*</sup> International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1.1)





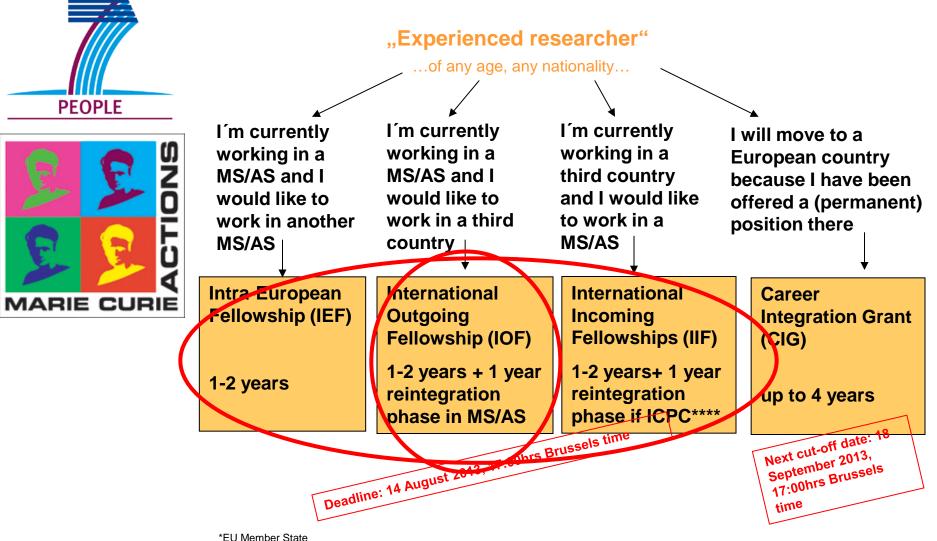


#### **Objectives:**

- 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



\*\*Associated countries to FP7 (Albania, Bosnia & Herzegovina, Croatia, Faroe Islands, Iceland, Israel, Liechtenstein, Macedona 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)





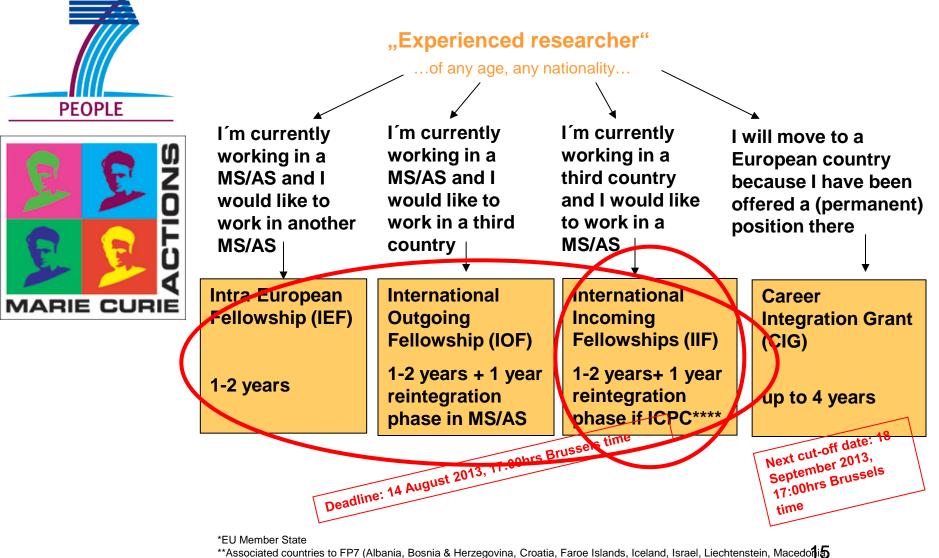
#### **Objective**:

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



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







- 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.



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 €x 109,8 =	9.223,20 €

#### Total budget of the project per year:

96.232,20 €

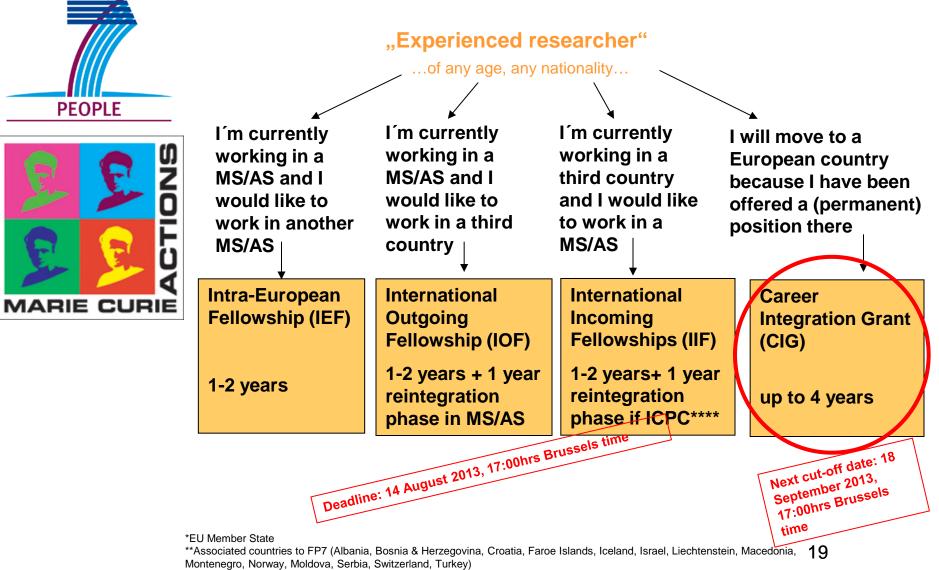
\* Mobility allowance with family (married and/or children): 1000 €/ month; without family: 800 €/ month. Reference date is the deadline of the call

- Living allowance yearly rates depend on research experience: < 10 years: 58.500 €;</li>
   > 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



<sup>\*\*\*</sup> countries which are neither EU Member States nor Associated countries

\*\*\*\* International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1.1)







## Objective:

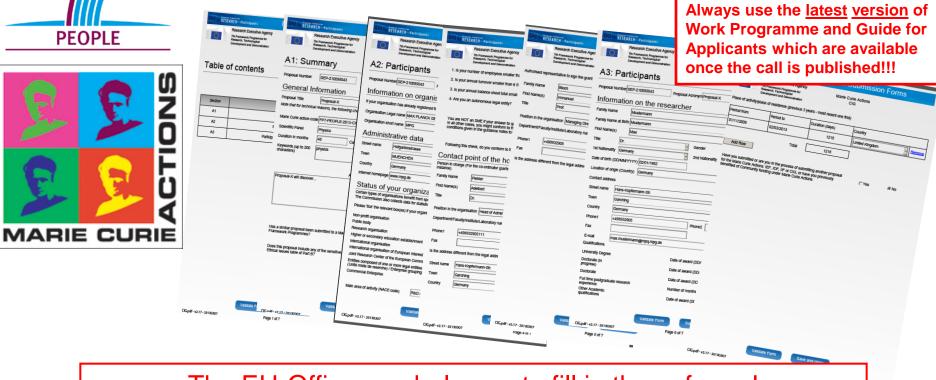
- improve the career prospects of researchers who have been offered a (permanent) position in Europe after a mobility period
- host organisation must offer an employment contract for at least the duration of the grant
- you cannot have benefited from a FP6 or FP7 Reintegration grant before
- funding: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

4

no max. length





Always use the <u>latest version</u> of **B** – Scientific proposal 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 2 Training Part B3 Researcher 7 Part B4 Implementation 6



Part B5

Part B6

Impact

Ethical issues

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.

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



# **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

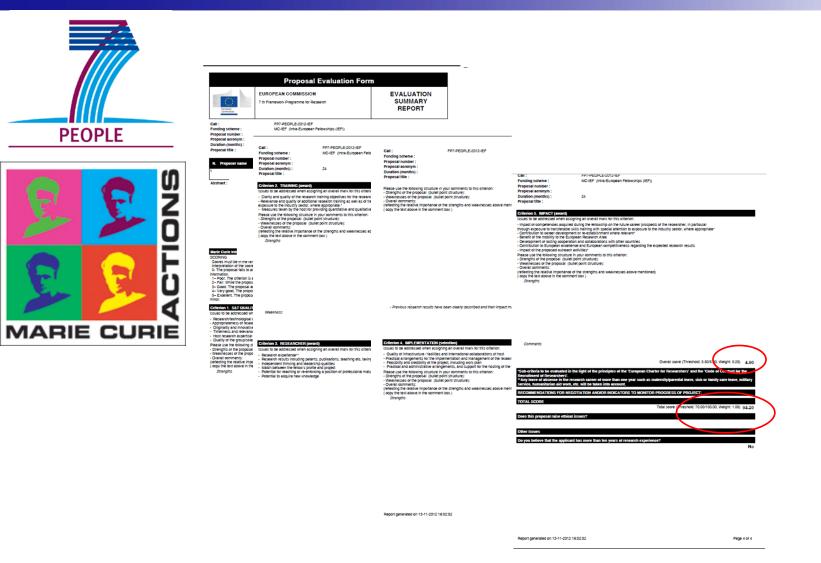
**Evaluation summary report (ESR)** sent to proposal coordinators ("initial information letter"): end of Nov 2013

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

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 scientists of MPE and MPA:
  - IOF **ICPAL**: Investigation of Cooperative Phenomena on the Atomistic Level
  - RG Galaxies Birth: The birth of the first stars and galaxies
- IEF High-z & Multi: Multi-wavelength study of accretion onto black holes and its evolution during cosmic times
- IIF ProFesSor: The sources of reionization



# Host driven actions





- Some Marie Curie projects conducted by scientists of MPA:
  - **IRSES** LACEGAL: Latin American-Chinese-European Galaxy Formation Network
  - ITN CosmoComp: Pan-European training in computational cosmology: modelling cosmic structures



## Submission of EU proposals

		RESEARCH & IN	INOVATIO	NC	0 17 Mora				
	European Commission Participant Portal								
	European Commission > Research & I	nnovation > Participant Portal > Funding	> FP7 Calls						
		Home Funding Documents My Organisations Experts Support							
SEVENTH FRAMEWORK PROGRAMME		Latest Info FP7 Calls CIP Calls Other Calls Search Calls							
PROGRAMIME	LOGIN	SELECTED SPECIFIC PROGRAMM	E: PEOPLE						
		Open Closed Forthcoming							
	Login	Marte-Curte Actions / 4 open calls							
	FP7 SPECIFIC PROGRAMMES	Marie-Curie Actions (back to top)				Electronic Proposal S	Electronic Proposal Submission		
	Cooperation	Call for proposals	Call for proposals			programme topic that is mo	To access the Electronic Submission Service of the call, please select the funding scheme or objective corresponding to the work programme topic that is most relevant to your proposal from the list below. You will then be linked to the correct entry point.		
	People	Show 10 • entries		Copy Excel Print Search:			To access existing draft proposals for this call, please login to the Participant Portal and select the "My Proposals" tab. Download the user guide of the Participant Portal Submission Service		
	Capacities					Available subfunding scher			
	Euratom		Call Title 0 CURIE INTRA-	Publication Date +	Cut-off Dates 💠	Der Marie-Curie Action: "Ca	reer Integration Grants"[MC-CIG] 🗨 Go		
	NEED HELP?	EP7-PEOPLE-2013-IEF FELLC	PEAN WSHIPS FOR	2013-03-14		2013-08-14			
	<ul> <li>Frequently Asked Questions (NEW) Experts area (Quest info)</li> </ul>	EP7-PEOPLE-2013-IIE INTER	CURIE NATIONAL MING WSHIPS (IIF)	2013-03-14		2013-08-14			
	User manual     (NEW) Electronic proposal     submission user manual     Prosentations     (NEW) Submission of     proceedable	EP7-PEOPLE-2013- IOE FELLC CARE	WSHIPS FOR	2013-03-14		2013-08-14			
	<u>Contact the Helodesk</u>	EP7-PEOPLE-2013- CIG INTEG	E CURIE ER IRATION TS (CIG)	2012-10-18	2013-09-18	2013-09-18			
	WHAT'S NEW	Showing 1 to 4 of 4 entries			Part Par	tent 1 Mart Last			

- 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)!!





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/or cross-sector mobility (IEF, IOF, IIF, CIG)

#### **Host driven Actions**

- Initial Training Networks: training of early-stage researchers (ITN)
- RISE Research and Innovation Staff Exchange:
  - Transnational and/or intersectoral transfer of knowledge
  - stimulating innovation by means of cross-fertilisation of knowledge
  - personnel exchange between sectors, countries and disciplines
    - Involvement of industry (SMEs) and/or third countries
- 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**



THE FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION





## ERC





#### 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

Preliminary information

- support of "Individual teams" (Principal Investigator and her/his research team)
- 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





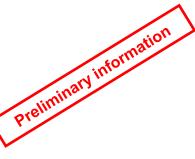
- researchers of any age, any nationality, residing in any country of the world at the time of application
  - researcher must be at the stage at which s/he is starting or consolidating her/his own independent
     research team/programme
- PI must have been awarded his/her first PhD (or equivalent doctoral degree) <u>at least 2 and less than 12</u> <u>years</u> prior to the publication date of the call for proposals (extensions possible for eligible career breaks)





erc

- 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

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



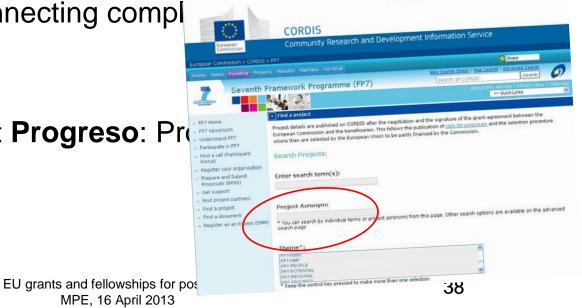
erc

# **Individual** actions



#### **Current ERC projects at MPA and MPE:**

- Advanced Grant GALFORMOD: Galaxy formation models for the next generation of large-scale evolutionary and cosmological surveys
- Advanced Grant INTERCOCOS: Interdisciplinary
  - research: Connecting compl dispersions
- Starting Grant Progreso: Pro Stellar Orbits





## 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 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

ERC in Horizont 2020

http://www.kowi.de/desktopdefault.aspx/tabid-402/1238\_read-1909/

<u>Horizon 2020</u> 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 ELectronic Research Funding Information System http://www.elfi.info/e\_index.php forschen-fördern-org: Preise-Stipendien-Projekte http://www.forschen-foerdern.org/en



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





## **Information at MPE and MPA:**

- For individual consultations, please contact: <u>kathrin.zahr@mpq.mpg.de</u>
- Information material is available in the library
- 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





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

EU grants and fellowships for postdocs MPE, 16 April 2013



#### Thank you for your attention!

#### ...Questions??