

**Department of Physics and Geology  
University of Perugia  
EU calls for proposals and events – June 2016**

**CALLS**

**CALL: CALL FOR PROPOSALS FOR ERC ADVANCED GRANT ([LINK](#))**

**TOPIC : ERC Advanced Grant ([link](#))**

ERC Advanced Grants are designed to support excellent Principal Investigators at the career stage at which they are already established research leaders with a recognised track record of research achievements.

The call 'ERC-2016-ADG' consists of one call with a single deadline applying to each of the three main research domains:

- Physical Sciences & Engineering;
- Life Sciences ;
- Social Sciences & Humanities.

**Deadline: 01 September 2016 - 17:00:00**

**Funding rate:** 100% of the total eligible and approved direct costs and of flat rate financing of indirect costs on the basis of 25 % of the total eligible direct costs.

★ **Specific notes:** the Principal Investigator is expected to be active researcher and to have a track record of significant research achievements in the last 10 years which must be presented in the application; applications may be made in any field of research; any type of legal entity, public or private, including universities, research organisations and undertakings can host Principal Investigators and their teams; it is also expected that the host institution will be the only participating legal entity; however, where they bring scientific added value to the project, additional team members may be hosted by additional legal entities which will be eligible for funding [...].

**CALL: CALL FOR PROPOSALS FOR ERC PROOF OF CONCEPT GRANT ([LINK](#))**

**TOPIC: ERC-Proof of Concept-2016 ([link](#))**

Frontier research often generates unexpected or new opportunities for commercial or societal application. The ERC Proof of Concept Grants aim to maximise the value of the excellent research that the ERC funds, by funding further work (i.e. activities which were not scheduled to be funded by the original ERC frontier research grant) to verify the innovation potential of ideas arising from ERC funded projects. Proof of Concept Grants are therefore on offer only to Principal Investigators whose proposals draw substantially on their ERC funded research.

**3<sup>rd</sup> cut-off date: 04 October 2016 17:00:00**

**Funding rate:** 100% of the total eligible and approved direct costs and of flat rate financing of indirect costs on the basis of 25 % of the total eligible direct costs.

★ **Specific notes:** All Principal Investigators in an ERC frontier research project, that is either on going or has ended less than 12 months before the opening date of this call, are eligible to participate and apply for an ERC Proof of Concept Grant. A Principal Investigator whose proposal was rejected on the grounds of a breach of research integrity in the calls for proposals under Work Programmes 2014 or 2015 may not submit a proposal to the calls for proposals made under Work Programme 2016. Any type of legal entity, public or private, including universities, research organisations and undertakings can host Principal Investigators and their teams.

**CALL: MARIE SKŁODOWSKA-CURIE CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES ([LINK](#))**

**TOPIC : Co-funding of regional, national and international programmes ([link](#))**

The COFUND scheme aims to stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development, spreading the best practices of Marie Skłodowska-Curie actions.

This will be achieved by co-funding new or existing regional, national, and international programmes to open up to, and provide for, international, intersectoral and interdisciplinary research training, as well as transnational and cross-sectoral mobility of researchers at all stages of their career.

**Deadline: 29 September 2016 - 17:00:00**

**EU contribution:** set out under the MSC part of the Work Programme ([link](#)).

★ **Specific notes:** COFUND takes the form of: A) Doctoral programmes; B) Fellowship programmes; each proposal funded under the COFUND scheme shall have a sole beneficiary that will be responsible for the availability of the necessary matching funds to execute the proposal; researchers supported under this scheme shall comply with the mobility rules of the Marie Skłodowska-Curie actions.

**CALL: MARIE SKŁODOWSKA-CURIE INDIVIDUAL FELLOWSHIPS ([LINK](#))**

**TOPIC : Individual Fellowships ([link](#))**

Individual Fellowships provide opportunities to acquire and transfer new knowledge and to work on research and innovation in a European context (EU Member States and Associated Countries) or outside Europe. The scheme particularly supports the return and reintegration of researchers from outside Europe who have previously worked here. It also develops or helps to restart the careers of individual researchers that show great potential, considering their experience.

**Deadline: 14 September 2016 - 17:00:00**

**EU contribution:** set out under the MSC part of the Work Programme ([link](#)).

★ **Specific notes:** support is based on an application made jointly by the researcher and the beneficiary in the academic or non-academic sectors; the researcher must comply with the rules of mobility in the country where the European Fellowship is held; searchers must be experienced researchers (ER), i.e. at the time of the call deadline, be in possession of a doctoral degree or have at least four years of full-time equivalent research experience [...].

**CALL: E-INFRASTRUCTURES ([LINK](#))**

**TOPIC : Platform-driven e-infrastructure innovation ([link](#))**

Prepare the capacity required to future generations of e-infrastructure is the key challenge. e-Infrastructure platforms and services need to evolve through innovation actions to respond to the long-term needs of research and education communities (e.g. in case of large RIs entering in functions in a 5 to 10 years' timeframe). Platforms and services are first designed, prototyped and piloted with "supply and demand-side" approaches triggered by to the most demanding cases. The innovative developments bringing state-of-the-art technology need to evolve and mature to be integrated and offered as dependable e-infrastructures.

**Types of action:** Research and Innovation actions (RIA); Public Procurement of Innovative solutions (PPI). **Deadline:** RIA: 29 March 2017 17:00:00; PPI: 20 September 2016 17:00:00.

**Funding rate:** RIA: 100%; PPI: 35%.

**Eligibility conditions for participation:** RIA: at least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other. PPI: at least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other. Furthermore, there must be a minimum of two legal entities which are 'public procurers' from two different EU Member States or Horizon 2020 associated countries. Both legal entities must be independent of each other.

**CALL: FET-OPEN – NOVEL IDEAS FOR RADICALLY NEW TECHNOLOGIES ([LINK](#))****TOPIC : FET-Open research and innovation actions ([link](#))**

The successful exploration of new foundations for radically new future technologies requires supporting a large set of early stage, high risk visionary science and technology projects to investigate new ideas. Here agile, risk-friendly and highly interdisciplinary research approaches are needed with collaborations that are open to all sciences and disciplines and that dissolve the traditional boundaries between them. The renewal of ideas is complemented by the renewal of actors taking these new ideas forward. Therefore, this topic encourages the driving role of new high-potential actors in research and innovation, such as excellent young, both female and male, researchers and high-tech SMEs that may become the scientific and industrial leaders of the future.

**Cut-off dates:** 17 January 2017 17:00:00; 27 September 2017 17:00:00

**Types of action:** Research and Innovation actions (RIA).

**Funding rate:** 100%.

**Eligibility conditions for participation:** at least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other.

**CALL: FET PROACTIVE – HIGH PERFORMANCE COMPUTING ([LINK](#))****TOPIC : Co-design of HPC systems and applications ([link](#))**

Achieve world-class extreme scale, power-efficient and highly resilient HPC platforms through a strong co-design approach driven by ambitious applications and in close cooperation with the scientific disciplines and stakeholders concerned; achieve the full range of technological capabilities needed for delivering a broad spectrum of extreme scale HPC systems. The designs of these systems must respond to critical demands of energy efficiency, scale, resilience, programmability and support for various classes of applications including extreme-data applications.

**Deadline:** 27 September 2016 17:00:00

**Types of action:** Research and Innovation actions (RIA).

**Funding rate:** 100%.

**Eligibility conditions for participation:** at least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other.

**CALL: INFORMATION AND COMMUNICATION TECHNOLOGIES ([LINK](#))****TOPIC: Smart Anything Everywhere Initiative ([link](#))**

"Smart anything everywhere" stands for the next wave of products that integrate digital technology inside. A major challenge is to accelerate the design, development and uptake of advanced digital technologies by European industry, especially among them many SMEs and mid-caps in products that include innovative electronic components, software and systems.

**Deadline:** 08 November 2016 17:00:00

**Types of action:** Innovation actions (IA); Coordination and support actions (CSA).

**Funding rate:** IA: 70% (except for non-profit legal entities, where a rate of 100% applies); CSA: 100%.

**Eligibility conditions for participation:** IA: At least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other. CSA: At least one legal entity established in an EU Member State or Horizon 2020 associated country.

**CALL: DIGITAL SECURITY FOCUS AREA ([LINK](#))****TOPIC: Cyber Security for SMEs, local public administration and Individuals ([link](#))**

Europe's SMEs, local public administration and citizens face particular challenges in addressing basic cyber security threats. On one hand, in the case of SMEs and local public administration, their size and budgetary constraints often precludes them from putting in place highly granular

organisational structures, retaining dedicated information security personnel and making significant investments in cybersecurity products or services. Moreover, whether addressing SMEs, local public administrations or individuals, few cyber security solutions have been designed with the human factor in mind and therefore present severe limitations in their usability which hampers proper decision making and adequate usage.

Taking into consideration the adequate level of security commensurate with the considered use-case, proposals may address one of the following types of end-users:

- SMEs,
- local public administration,
- individual citizens.

**Deadline: 25 August 2016 17:00:00**

**Types of action:** Innovation action (IA)

**Funding rate:** 70% (except for non-profit legal entities, where a rate of 100% applies).

**Eligibility conditions for participation:** At least three legal entities. Each of the three must be established in a different EU Member State or Horizon 2020 associated country. All three legal entities must be independent of each other.

### **Transnational call for proposals on “Radiation Protection Research in Europe” through the EJP CONCERT ([link](#))**

The European Joint Programme for the Integration of Radiation Protection Research (acronym: CONCERT) aims to contribute to the sustainable integration of European and national research programmes in the field of radiation protection. CONCERT is launching a first transnational Call for Proposals to support innovative research projects in radiation protection. The aims of the call are:

- To support transnational research projects that combine innovative approaches in the field of radiation protection in line with the research priorities of CONCERT;
- To actively integrate E&T activities and collaboration with universities in multidisciplinary research projects;
- To make optimal use of research infrastructures.

**Deadline: 02 August-2016 17:00**

**Funding rate:** 100%.

**Eligibility conditions for participation:** each proposal must involve at least three legal entities. Each of the three must be established in a different EU Member State or Euratom Programme associated country. All three legal entities must be independent of each other.

### **EVENTS**

- **Standards for Digital Transformation, 29/06/2016, Brussels, Belgium ([link](#))**
- **Vision2020: Second Climate Helix Event, from 29/06/2016 to 30/06/2016, Valencia, Spain ([link](#))**
- **Marie Skłodowska-Curie Forum 2016 – Where business and research talent meet, 29/06/2016, Brussels, Belgium ([link](#))**
- **Info Day, Horizon 2020 - 'Health, demographic change and wellbeing', 08/07/2014, Brussels, Belgium ([link](#))**
- **4th Hellenic Forum for Science, Technology & Innovation, 11-15 July 2016, Athens, Greece ([link](#))**
- **FET at the EuroScience Open Forum (ESOF) 2016, from 23/07/2016 to 27/07/2016, Manchester, United Kingdom ([link](#))**
- **MSCA ESOF satellite event: "Researcher and Society", from 28/07/2016 to 29/07/2016, Manchester, United Kingdom ([link](#)).**