

Upcoming Calls

EU:

Call title	Details	Deadline	Budget
ERC Advanced Grant	ERC Advanced Grant Principal Investigators are expected to be active researchers and to have a track record of significant research achievements in the last 10 years which must be presented in the application. There is little prospect of an application succeeding in the absence of such a record, which identifies investigators as exceptional leaders in terms of originality and significance of their research contributions.	August 2019 (expected)	€ 2.5 million for max 5 years
SU-INFRA01-2019	<i>Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe.</i> Proposals should cover: forecast, assessment of physical and cyber risks, prevention, detection, response, and in case of failure, mitigation of consequences (including novel installation designs), and fast recovery after incidents, over the life span of the infrastructure, with a view to achieving the security and resilience of all functions performed by the installations, and of neighbouring populations and the environment.	22 August 2019	€ 7-8 million
SU-INFRA02-2019 (IA)	<i>Security for smart and safe cities, including for public spaces.</i> Proposals under this topic should develop and integrate experimentally, in situ, the components of an open platform for sharing and managing information between public and private service operators and security practitioners of a large, smart city. The proposed pilots should consider how to combine, inter alia: Methods to detect weapons, explosives, toxic substances; Systems for video surveillance; Methods to identify, and neutralize crime perpetrators whilst minimizing intrusion into crowded areas.	22 August 2019	€ 8 million

Call title	Details	Deadline	Budget
SU-DRS02-2019 (RIA)	<p><i>Technologies for first responders.</i></p> <p>Proposals are invited to propose novel solutions improving the protection of first responders against multiple and unexpected dangers, or enhancing their capacities by addressing related research and innovation issues, in particular: The quick detection of victims potentially trapped in buildings as a result of all sorts of disasters of natural, accidental, or man-made or of terrorist origins is a major issue for first responders. Novel technologies should enable them to save the time taken to detect victims who are not visible, enabling more efficient and faster rescue operations leading to higher chances of saving lives and reducing injuries.</p>	22 August 2019	€ 7 million
SU-DRS05-2019 (IA)	<p><i>Demonstration of novel concepts for the management of pandemic crises</i></p> <p>Demonstrations are now required to assess these novel concepts, in support of cross-border emergency approaches (phase 2), to strengthen preparedness and response to pandemics (including the detection of disease outbreaks that could lead to pandemics), in line with Decision 1082/2013/EU on serious cross-border threats to health and the International Health Regulations (WHO, 2005).</p>	22 August 2019	€ 10 million
SU-FCT01-2019 (RIA)	<p><i>Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism. Sub-topic 2: [2019] Understanding the drivers of cybercriminality, and new methods to prevent, investigate and mitigate cybercriminal behaviour</i></p> <p>The key challenge in this respect is to determine what the drivers of new forms of cyber criminality are and how they might be prevented and mitigated.</p>	22 August 2019	€ 5 million
SU-FCT03-2019 (IA)	<p><i>Information and data stream management to fight against (cyber)crime and terrorism</i></p> <p>Proposals are invited from consortia to exploit big data and predictive analytics that both (a) characterise trends in cybercrime and in cybercriminal organizations (based on a profound analysis of current and emerging cybercriminal organizational types and structures), and (b) enhance citizens' security against terrorist attacks in places considered as soft targets, including crowded areas (stations, shopping malls, entertainment venues, etc.).</p>	22 August 2019	€ 8 million

Call title	Details	Deadline	Budget
SU-BES01-2019 (RIA)	<p><i>Human factors, and social, societal, and organisational aspects of border and external security. Sub-topic 2: [2019] Modelling, predicting, and dealing with migration flows to avoid tensions and violence</i></p> <p>For the management of the migratory flow, including relocations within the EU, it is necessary to map public sentiment, including perceptions of migration, by analysing data available from many different governmental or public sources, and by developing socio-economic indicators of integration strategies. Proposals should be solution-oriented and propose convincingly how to better deal with such flows and to reduce risks of tensions and violence among migrants and European citizens.</p>	22 August 2019	€ 5 million
SU-BES02-2019 (RIA)	<p><i>Technologies to enhance border and external security.</i></p> <p><i>Sub-topic 3: [2019] Security on-board passenger ships:</i> To ensure security all along the "life cycle" of a voyage, new technologies can be implemented (together with methods for their deployment and possibly their integration into ship systems), as well as security novel procedures (including for embarkation and disembarkation, mooring at pier, etc.)</p> <p><i>Sub-topic 4: [2019] Detecting threats in the stream of commerce without disrupting business:</i> The flow of goods crossing borders is increasing, whilst ways of concealing methods for dangerous materials and illegally trafficked goods are improving. The detection of such dangerous and illegal goods should be facilitated by novel technologies and sensing strategies characterized by risk-based protection and non-intrusive security checks that can be implemented without disrupting business.</p>	22 August 2019	€ 7 million
SU-BES03-2019 (IA)	<p><i>Demonstration of applied solutions to enhance border and external security Sub-topic 2: [2019] New concepts for decision support and information systems</i></p> <p>Innovative solutions are needed to ensure the interoperability of surveillance systems, and the availability of information for maritime border surveillance coming from the area of operations in standardized formats, when and where it is needed, thus at enhancing situation awareness at strategic level (in National Coordination Centres), but also at tactical level (with assets deployed under the frame of surveillance operations).</p>	22 August 2019	€ 5 million

Call title	Details	Deadline	Budget
SU-DS03-2019 (IA)	<p><i>Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises</i></p> <p>Proposals should bring innovative solutions to personal data protection, develop new applications and technologies in order to help citizens to better monitor and audit their security, privacy and personal data protection, enabling them to become more engaged and active in the fight against cyber, privacy and personal data protection risks.</p>	22 August 2019	€ 4 - 5 million
SU-DS05-2019 (RIA)	<p><i>Digital security, privacy, data protection and accountability in critical sectors</i></p> <p>Proposals should treat generic aspects, by identifying common threats and attacks, and by developing proof of concepts for managing cybersecurity and privacy risks. In addition, proposals should treat specific aspects for one of the three critical sectors/domains mentioned as sub-topics, i.e. transport, healthcare and finance, by identifying specific vulnerabilities, propagation effects and counter measures, by developing and testing cyber innovation-based solutions and validating them in pilots/demonstrators.</p>	22 August 2019	€ 3 - 4 million
H2020-FETPROACT-2019-2020	<p><i>FET Proactive: emerging paradigms and communities</i></p> <p>Proposals are sought for cutting-edge high-risk / high-reward research and innovation projects that aim to demonstrate a new technological paradigm within the scope of one of the sub-topic, Human-Centric Artificial Intelligence.</p>	3 September 2019	€ 4 million
COST actions	<p>COST Actions are a flexible, fast, effective and efficient networking instrument to cooperate and coordinate nationally funded research activities. COST Actions allow European researchers to jointly develop their own ideas in any science and technology field. COST Actions are bottom-up science and technology networks, open to researchers and stakeholders with a duration of four years. They are active through a range of networking tools, such as workshops, conferences, training schools, short-term scientific missions (STSMs), and dissemination activities. COST does not fund research itself.</p>	5 September 2019	The average COST Action budget depends on the number of COST Countries participating in the Action.

Call title	Details	Deadline	Budget
Marie Curie IF 2019	<p>Opportunity for Experienced Researchers (PhD holders or those with four years of research experience) to secure their own funding via Individual Fellowships to support their research training and career development. Any Experienced Researcher, from a recent PhD graduate to an emeritus professor, can apply for an Individual Fellowship. <u>Standard / Global Fellowships</u>: At the submission deadline, you must not have resided or carried out your main activity in the country of your host organisation for more than 12 months in the last 3 years. <u>Reintegration fellowship</u>: There must be direct mobility to the country of the beneficiary in Europe from a third country. <u>Career Restart</u>: Researchers must not have been active in research for a continuous period of at least 12 months within the 18 months immediately prior to the deadline for submission. <u>Society and Enterprise</u>: Facilitates career moves between the academic and non-academic sectors</p>	11 September 2019	~ €85,000 per annum. Each project will be conducted over a 12-24 month period.
FETOPEN-01-2018-2019-2020	<p><i>FET-Open Challenging Current Thinking</i> Proposals are asked to lay the foundations for radically new future technologies of any kind from visionary interdisciplinary collaborations that dissolve the traditional boundaries between sciences and disciplines, including the social sciences and humanities. Proposals are sought for cutting-edge high-risk / high-impact interdisciplinary research with radical vision, breakthrough technological targets and ambitious interdisciplinary research.</p>	18 September, 13 May 2019	€ 3 million
ERC Proof of Concept	<p>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. All Principal Investigators in an ERC frontier research project, that is either on going or has ended (where the duration of the project fixed in the ERC Grant Agreement has ended) less than 12 months before 1 January 2018, are eligible to participate and apply for an ERC Proof of Concept Grant.</p>	19 September 2019	€150,000 for 18 months

Call title	Details	Deadline	Budget
ERC Starter	Designed to encourage young talented research leaders gain independence in Europe and to build their own careers. The scheme targets promising researchers who have the proven potential of becoming independent research leaders. Applicants should have 2-7 years of experience since completion of PhD with a scientific track record showing great promise and an excellent research proposal. Applications can be made in any field of research. Scientific excellence is the most important basis on which ERC frontier research grants are awarded.	October 2019	Up to € 1.5 million for a period of 5 years
SU-ICT-02-2020	<i>Building blocks for resilience in evolving ICT systems</i> Proposals are invited against at least one of the following three subtopics: a) Cybersecurity/privacy audit, certification and standardization; b) Trusted supply chains of ICT systems; c) Designing and developing privacy-friendly and secure software and hardware	19 November 2019	€ 4 - 5 million

Science Foundation Ireland:

Call title	Details	Deadline	Budget
SFI Industry Fellowship Programme	The purpose of this Programme is to enhance industry-academia collaborations through the funding of collaborative industry-academia research projects, and to stimulate excellence through knowledge exchange and training of engineers and scientists. Both aims will be pursued by the Industry Fellowship Programme, through the temporary placement of academic researchers in industry, and of industry researchers in academia.	28 August 2019	€100,000 direct costs over 1 year (full-time) or 2 years part-time.
Artificial Intelligence for Societal Good Challenge	Under this call, applications will be accepted from teams seeking to address significant societal challenges through the development of disruptive STEM-based solutions based on interdisciplinary approaches that leverage AI. It is expected that successful applications will generate new insights and create significant value for stakeholders and have strong potential for transformative societal impact.	06 September 2019	€ 2 million
Royal Society Science Foundation Ireland University Research Fellowship	This scheme is for outstanding scientists in the Republic of Ireland who are in the early stages of their research career and have the potential to become leaders in their field. Candidates must be in the early stages of their research career and must have between 3 to 8 years of research experience since their PhD	September 2019 (expected)	Salary + research costs (€13,000) for 5-8 years
Disruptive technologies	DTIF is about bringing researchers and enterprise together to use tools, technologies and techniques such as AI and machine learning, robotics, IoT, data analytics, AR/VR, digital platforms, blockchain, advanced and smart manufacturing techniques, biorefining and innovative business processes to develop and deploy solutions to help meet the challenges facing Ireland and to exploit opportunities. DTIF Call 2 is about funding collaborations that demonstrate disruptive technologies innovation, collaborations that can: - Alter markets; - Alter the way business operates; - Involves a new product or the emergence of a new business model.	September 2019 (expected)	€ 1.5 million for 3 years

Irish Research Council:

Call title	Details	Deadline	Budget
Enterprise Partner Scheme (postgraduate)	The aim of this scheme is to link talented researchers with organisations (Partners) based anywhere in the world. These can be: business; company; registered charity; social, cultural, not-for-profit; semi-state commercial. Applicants are primarily Trinity-based during the project but get the opportunity to learn additional valuable skills by working with a suitable partner outside of the academic environment.	Q2/ early Q3 2019	Maximum of €24k in any approved year
Enterprise Partner Scheme (postdoctoral)	The aim of this scheme is to encourage links with an Enterprise Partner to award co-funded two- year Postdoctoral Fellowships to highly promising researchers in Ireland. By working closely with an Enterprise Partner, researchers benefit from an enhanced research experience as well as having the opportunity to learn key transferable skills relevant to career/professional development. Applicants are primarily academic-based during the project but get the opportunity to learn additional valuable skills by working with a suitable partner outside of the academic environment.	Q2/ early Q3 2019	Maximum of €45,895 in any approved year
Government of Ireland Postgraduate Scheme	Offers the opportunity for suitably qualified, excellent individuals, with novel research ideas, to take the first step and to attain the skills and competencies of a successful researcher. Applicants can apply for a postgraduate degree in any discipline at an eligible HEI within Ireland.	Q3 2019	Maximum of €24k in any approved year
New Foundations	Supporting eligible researchers who intend to pursue research, networking and/or dissemination activities within and across the diversity of disciplines. This scheme provides support for research actions, the development of networks, conference development, conference participation or attendance, creation of workshops and/or more general dissemination activities designed to communicate the outcomes and values of academic research in Ireland and beyond.	Q3/4 2019 (expected)	TBC
CHIST-ERA ERA-NET COFUND	Transnational research call addressing the themes: Explainable Machine-Learning- based Artificial Intelligence and Novel Computational Approaches for Environmental Sustainability	Q4 2019	13 million overall budget

Call title	Details	Deadline	Budget
Government of Ireland Postdoctoral Fellowship	The Council funds excellent researchers across all disciplines and encourages interdisciplinary research and engagement with enterprise. Applicants must not hold or have held a Council Government of Ireland Postdoctoral Fellowship or Enterprise Partnership Scheme Postdoctoral Fellowship; Must not have been employed as a Postdoctoral Researcher for more than 5 years; Must not be a permanent member of staff.	Q4 2019	Maximum of €45,895 in any approved year

Health Research Board:

Call title	Details	Deadline	Budget
Applied Partnership Awards (APA) 2019	Designed to bring knowledge users and academic researchers together to develop research projects that address a specific need within the Irish health or social care system. Research findings will have a direct impact on decision-making in the knowledge user organisation.	13 September 2019	€200,000 for 12-24 months
HRB Internship Programme 2019	Our Internship Programme gives researchers who have recently earned a PhD or an MSc an opportunity to gain first-hand experience of working in a State agency alongside experienced professionals. HRB Interns rotate between the Research Strategy and Funding Directorate and the Health Information and Evidence Directorate, spending one year in each Directorate.	19 September 2019	€124,000 for 2 years

Enterprise Ireland:

Call title	Details	Deadline	Budget
Commercialisation Fund Programme	The programme will fund the development of innovations at all stages of the commercial pipeline to the point where they can be commercialised as new products, services and companies. Projects should address a gap or need in the market by developing innovations that will ideally be ready for licensing to Irish industry or may form the basis of a new start-up in 2-5 years.	05 July 2019	€80,000 to €350,000 over 12-18 months

Wellcome Trust:

Call title	Details	Deadline	Budget
Collaborative Awards in Science	Collaborative Awards promote the development of new ideas and speed the pace of discovery. We fund teams of researchers, consisting of independent research groups, to work together on the most important scientific problems that can only be solved through collaborative efforts. Interdisciplinary collaborations are encouraged. Each applicant must be essential to the proposed collaborative research and have: Proven research expertise and experience in their field; An academic or research post (or equivalent); A salary for the duration of the award period. Teams must consist of more than two people, maximum seven.	20 August 2019 – Preliminary deadline, Nov 2019 full deadline	Up to £4 million for up to five years, but requests must be appropriate to the proposed research.

International Calls:

Call title	Details	Deadline	Budget
NGI Explorers Program	NGI Explorers is a program to launch Europe's best Internet talent into Expeditions to the US. It provides the means that will support EU Explorers – top researchers and innovators – to gain the skills, build the networks and find the sustainability necessary to catalyze the impact of their disruptive ideas, NGI concepts or product-oriented research activities. The Program brings the opportunity to connect with an unrivalled environment of excellence, and a flourishing community of Explorers with multiple backgrounds and the potential to become drivers of change for the Next Generation of Internet, and the opportunity to create synergies with other like-minded participants to share experiences, collaborate and even create new partnerships. The Program will address the following Focus Areas: Artificial Intelligence; Blockchain; Big Data; Internet of Things; 5G; Cybersecurity; Cloud/Edge Computing; Interactive Technology; Future Hyper-Connectivity and Human-centric Internet.	31 July	~\$ 20,000

ROLLING CALLS

Call title	Details	Budget
Enterprise Ireland Commercial Case Feasibility Grant	Commercial Case Feasibility Support is a funding support which can be obtained by researchers, in partnership with their Technology Transfer or equivalent office, for a short Feasibility Project (up to 3 months) to scope and develop the commercial case for their innovation.	€10,000 to €15,000 (up to 3 months)
Enterprise Ireland Travel Support Scheme for Horizon 2020	Financial contribution is available to travel and meet potential H2020 partner or attend EU information days/workshops. Eligible costs include least-cost travel expenses and subsistence rates. Visits can be up to three days duration. All applications should be submitted to Enterprise Ireland in advance of travel.	Maximum €400/day for up to 3 days.
Enterprise Ireland Coordination Support Scheme for Horizon 2020	All research projects are eligible. Eligibility includes researchers employed in publicly-funded research performing organisations. Academic coordinator support applications will only be accepted up to 10 weeks prior to call deadline (or submission date).	€12,500
Enterprise Ireland Coordination Support For ERC Applications	Applications can be made by researchers in higher education or publicly funded institutions. The scheme covers all funding streams by the European Research Council (ERC). Application forms must be submitted to Enterprise Ireland a minimum of 6 months in advance of the ERC deadline	Maximum of €16,000
Enterprise Ireland Innovation Partnership Programme	The Innovation Partnership Programme can help you to take your business to the next level. Enterprise Ireland can help your company to access the latest skills and expertise from research institutes throughout Ireland. The Innovation Partnership Programme can provide up to 80% of the cost of research work to develop new and improved products, processes or services, or generate new knowledge and know-how.	Up to €200k
EPSRC-SFI Joint Funding of Research	This partnership will support joint research and technology development in all areas of EPSRC's remit which covers chemistry, engineering, information and communications technologies, materials, mathematical sciences and physics. To receive support from SFI, the ROI partner(s) must be based at an institution eligible for SFI support.	€500,000 indirect costs (plus overheads).

Call title	Details	Budget
SFI ERC Development Programme	<p>The applicant must have been an unsuccessful applicant to the most recent ERC Starting Grant, Consolidator Grant, or Advanced Grant call. Only one SFI ERC Development Programme application corresponding to an original ERC proposal will be eligible for review. Only applicants whose proposals scored “A” at Stage 2 are eligible to apply to the SFI ERC Development Programme. Proposals must be received by SFI within three months of the date on the applicant’s ERC notification letter, if they applied to the ERC with a Host Institution in the Republic of Ireland or within 12 months of this date if they applied to the ERC from elsewhere.</p>	<p>50% of ERC proposal or €500,000 for 24 months</p>
SFI Research Centre SPOKES	<p>This programme is a vehicle to enable the addition of new industrial and academic partners and projects to a SFI Research Centre, so allowing the Centre to expand and develop in line with new priorities and opportunities. To apply for a Spokes award under the rolling call mechanism, the industry partner (or partners) must make a minimum 50% cash contribution to the research programme.</p>	<p>No minimum or maximum</p>
SFI Research Professorship Programme	<p>The purpose of the SFI Research Professorship Programme is to recruit outstanding, world-renowned research and leadership talent to Ireland. The ambitions of the appointed SFI Research Professor will not only be consistent with the strategic plans of the host Research Body, but will also need to align with Ireland’s strategic objectives and its national research and innovation priorities. Given the outstanding nature of the individuals that this programme is intended to support, submission of Full Proposals will be by invitation only following completion of an Expression-of-Interest phase.</p>	<p>Up to €5M (direct costs)</p>
Cross-Border Collaboration Voucher	<p>InterTradeIreland’s Horizon 2020 travel schemes support those working on a cross-border basis in Horizon 2020 to travel both on the island and across the EU. The Cross-Border Collaboration Voucher offers up to £500 to early-stage partnerships travelling across Ireland and Northern Ireland to scope out potential project ideas.</p>	<p>Up to £500</p>
Wellcome Trust Innovator Awards	<p>These awards support researchers who are transforming great ideas into healthcare innovations that could have a significant impact on human health. Our current focus areas are mental health, neurological disorders and neglected tropical diseases. Individuals and teams from not-for-profit and commercial organisations can apply. Organisations can be of any size, based anywhere in the world.</p>	<p>Up to £750,000</p>