

Information on 2019 Call for Researcher Mobility Grants

EURAMET Capacity Building Officer (CBO)
2019-02-21



General information

The Researcher Mobility Grant (RMG) is a capacity building instrument which enables researchers from a EURAMET member or associate to join internal partners (NMIs or DIs only) in a running EMPIR project. The RMG researcher stays at the hosting institution for several months (1-18), performing research closely related to the EMPIR project (additional to the project objectives).

The RMG researchers might not always have the experience or knowledge of the EMPIR project they are applying to. However, this grant provides the platform for them to learn and develop as scientists, for their employing institutions to further their capacity in metrology and for the EMPIR project to enhance its research objectives.

RMG researchers will have the opportunity to build links with key metrology organisations, work with world leading scientists, produce joint papers and develop their own research skills. RMG researchers will receive several allowances (living allowance, travel allowance etc.) during their stay at the host institution. Allowances will be administered by the researcher's employing organisation.

2019 Call for Researcher Mobility Grants

This summer (**from 1 July to 2 September 2019**) the call for Researcher Mobility Grants will be launched for grants attached to running projects of EMPIR calls 2016, 2017 and 2018.

Starting in February 2019 the EURAMET Capacity Building Officer (CBO) will liaise with representatives of guestworking institutions, employing institutions (willing to send a researcher) and the actual researcher to discuss potential research topics for the advert.

The total financial volume foreseen for the 2019 RMG call is 250 000 EUR, which enables about 100 people-months for researchers' stay at guestworking institutions (e.g. 20 researchers receiving 5 months of mobility grant on average each).

Timetable:

- 30 April: interested researchers and guestworking institutions should send information to the EURAMET CBO;
- 30 May: research topics and timelines defined (for the adverts);
- 1 Jul to 2 Sep: the call is open (researchers have to apply);
- Oct to Dec 2019:
 - eligibility check of the proposals by MSU,
 - evaluation of the proposals by the referees,
 - evaluation of the proposals by the EMPIR projects consortia,
 - outcome of evaluations and results announced,
 - negotiation of the contracts (with the employers, the guestworking institutions and the researchers),
 - drafting the RMG contracts,
 - signature of the contracts.
- Beginning of 2020: earliest start of the RMGs.

Facilitator's role

The EURAMET Capacity Building Officer (CBO) is the facilitator of the call. The facilitator identifies EMPIR projects willing to host a researcher, identifies employing organisations willing to provide a researcher and negotiates a set of adverts that the MSU can use to launch the RMG Call. Applicants for an RMG must also confirm that their employer has agreed to support the application.

If your NMI/DI would like to send a researcher on a RMG, please send the CBO:

- name of the researcher,
- researcher's contact data (e-mail, phone contact),
- researcher's field of metrological specialisation,
- researcher's CV,
- your idea about research to be performed during the RMG stay,
- your idea about the duration of the stay in hosting institution,
- desired hosting project (at least your first impression, considering the list of active projects).

If your NMI / DI (internal partners in a running EMPIR project) is wishing to host a researcher, please inform the CBO.

All information should be collected by end of April 2019 as per the timetable above.

Eligibility for participation in RMGs

The summary of eligibility criteria is given in the following table. For more details, please see the section "Call related documents" below.

Researcher	<ol style="list-style-type: none"> 1. Holding the nationality of; A member state of the European Union; or Any other country, if the researcher can establish the right to work in the country of the guestworking organisation for the lifetime of the grant 2. Fluency in English is required (knowledge of the language of the guestworking organisation is an advantage) 3. Employed by their current "employing organisation" for the grant's duration
Proposed research	<ol style="list-style-type: none"> 1. Proposed work must be relevant to the associated JRP's objectives and must be additional to the JRP project 2. Proposed duration: 1-18 months (typically 6 months); and must end before, or at the same time as, the associated JRP 3. Proposed work must be undertaken entirely at the guestworking organisation(s)
Employing Organisation	NMI or a DI from an EU Member State and countries associated to Horizon 2020 (see list Ib)
Guestworking Organisation(s)	<ol style="list-style-type: none"> 1. Internal funded partners (NMIs or DIs) participating in the JRP 2. Located in a different country to the current Employing Organisation

Possible RMG hosting projects in the 2019 RMG Call

EMPIR call 2016		EMPIR call 2017		EMPIR call 2018	
ENG	ENV	IND	FUN	HLT	SIB
MetroHyVe	MercOx	MIMAS	BeCOMe	METVES II	GeoMetre
PV-Enerate	Black Carbon	SmartCom	MetroMMC	AeroTox	Real-K
HyMet	MetEOC-3	LaVA	USOQS	SEPTIMET	BxDiff
MyRailS	Preparedness	EMPRESS 2	SEQUOIA	UHDpulse	QuantumPascal
Biomethane	MetNO2	MicroProbes	PhotoQuant	QUIERO	ROCIT
ADVENT	SIRS	FutureGrid II	SIQUEST	RaCHy	TIFOON
MultiFlowMet II	IMPRESS 2	DynPT	CC4C	MedalCare	GIQS
MICEV	AEROMET	AdvanCT	TOPS	MEDDII	ComTraForce
LNG III	MetroDECOM II	MetAMCII	UnipHied	Neuromet2	TEMMT
	MetroRADON	LiBforSecUse	ParaWave	CardioMet	chipS-CALe
NRM		Hi-TRACE			
GRACE	RPT	Met4FoF	NRM	RPT	NRM
SURFACE	ChemMet-Cap	Metrowamet	TrafoLoss	ProbeTrace	EDC-WFD
RTNORM	ALCOREF	WRITE	MeterEMI	adOSSIG	PRISM-eBT
MagNaStand	inTENSE		EUCoM	MetForTC	INCIPIT
Ion gauge		RPT	nPSize		Heroes
EMIRIM		DOSEtrace	EMUE		SupraEMI
Vector SAR		RhoLiq			NEWGASMET
BRDF		DIG-AC			NanoXSpot
		VersICaL			

More information about these projects is available at:

EMPIR 2016 call: <https://www.euramet.org/research-innovation/research-empir/empir-calls-and-projects/call-2016-energy-environment-normative-research-potential-support-for-impact/>

EMPIR 2017 call: <https://www.euramet.org/research-innovation/research-empir/empir-calls-and-projects/call-2017-industry-fundamental-normative-research-potential-support-for-impact/>

EMPIR 2018 call: Project summaries will be published at:
<https://www.euramet.org/research-innovation/research-empir/empir-calls-and-projects>
 List of 2018 projects is available in Annex I to this document.

Call related documents

Call related documents are available on the EURAMET MSU web <http://msu.euramet.org/downloads/>

- **Guide 9:** [Applying for a Researcher Mobility Grant](#)
- **Template 9a:** [RMG Administrative data](#)
- **Template 9b:** [RMG Research Schedule](#)
- **Form 9a:** [RMG Evaluation](#)
- **Form 9b:** [RMG Grant Calculator](#)

Contact

If you have any questions, please do not hesitate to contact the facilitator:

Tanasko Tasić
Capacity Building Officer
Phone: +49 531 592 1967
E-Mail: tanasko.tasic@euramet.org

Annex I: List of EMPIR projects of 2018 call expected to start in 2019

18RPT01	ProbeTrace	Traceability for contact probes and stylus instruments measurements
18RPT02	adOSSIG	Developing an infrastructure for improved and harmonised metrological checks of blood-pressure measurements in Europe
18RPT03	MetForTC	Traceable measurement capabilities for monitoring thermocouple performance
18NRM01	EDC-WFD	Metrology for monitoring endocrine disrupting compounds under the Water Framework Directive
18NRM02	PRISM-eBT 2	Primary standards and traceable measurement methods for X-ray emitting electronic brachytherapy devices
18NRM03	INCIPIT	Calibration and accuracy of non-catching instruments to measure liquid/solid atmospheric precipitation
18NRM04	Heroes	Determining new uncertainty requirements for increasingly stringent legislative HCl industrial emission limits
18NRM05	SupraEMI	Grid measurements of 2 kHz - 150 kHz harmonics to support normative emission limits for mass-market electrical goods
18NRM06	NEWGASMET	Flow metering of non conventional gases (biogas, biomethane, hydrogen, syngas and mixtures with natural gas)
18NRM07	NanoXSpot	Measurement of the focal spot size on X-ray tubes with spot sizes down to 100 nm
18HLT01	METVES II	Standardisation of concentration measurements of extracellular vesicles for medical diagnoses
18HLT02	AeroTox 2	Measurements for mitigating adverse health effects from atmospheric particulate pollutants
18HLT03	SEPTIMET	Metrology to enable rapid and accurate clinical measurements in acute management of sepsis
18HLT04	UHDpulse	Metrology for advanced radiotherapy using particle beams with ultra-high pulse dose rates
18HLT05	QUIERO	Quantitative MR-based imaging of physical biomarkers
18HLT06	RaCHy	Radiotherapy coupled with hyperthermia - adapting the biological equivalent dose concept
18HLT07	MedalCare	Metrology of automated data analysis for cardiac arrhythmia management
18HLT08	MEDDII	Metrology for drug delivery
18HLT09	Neuromet2	Metrology and innovation for early diagnosis and accurate stratification of patients with neurodegenerative diseases
18HLT10	CardioMet	Providing the measurement infrastructure to allow quantitative diagnostic methods for biomarkers of coronary heart diseases
18SIB01	GeoMetre	Large-scale dimensional measurements for geodesy
18SIB02	Real-K	Realising the redefined kelvin
18SIB03	BxDiff	New quantities for the measurement of appearance
18SIB04	QuantumPascal	Towards quantum-based realisations of the pascal
18SIB05	ROCIT	Robust Optical Clocks for International Timescales
18SIB06	TiFOON	Advanced time/frequency comparison and dissemination through optical telecommunication networks
18SIB07	GIQS	Graphene impedance quantum standard
18SIB08	ComTraForce	Comprehensive traceability for force metrology services
18SIB09	TEMMT	Traceability for electrical measurements at millimetre-wave and terahertz frequencies for communications and electronics technologies
18SIB10	chipS-CALe	Self-calibrating photodiodes for the radiometric linkage to fundamental constants