

## Researcher Mobility Grant (RMG)

### APPLICATIONS ARE INVITED – Researcher in Numerical simulation of fluid mechanics

**RESEARCH:** An RMG-Researcher is required to work on the optimisation for the nozzle shape of LDV standard. This work follows previous research on simulation of LDV standard that included simulation of long pipe, Venturi tube, mock-up and comparison of the results with experimental data

**EXPERIENCE REQUIREMENTS:** The RMG- Researcher must have relevant experience in numerical simulation of fluid mechanics.

**PROJECT LOCATION(S):** The work will take place at Laboratoire Associé de Débitmétrie Gazeuse (LNE-LADG), Poitiers, France and must be located transnationally to the Researcher's employing organisation

**DURATION:** 1 – 2 month duration. Earliest start date is November 2016; with completion before the JRP end date which is 31 May 2017.

**ALLOWANCES:** The exact allowances can be found by using the "EMRP Researcher Grant Calculator" spreadsheet available at <http://www.emrponline.eu/downloads.html>

The EMRP Researcher Mobility Grant does not include a salary allowance. There is a fixed rate allowance of 1800 € /month living allowance (with an additional sum for those with a family who relocates with them), a further 500 € every 3 months as a travel allowance, and 200 € / month as a contribution to the Guestworking Organisation's overheads. In addition 1500 € may be claimed every 6 months for attendance at a specific named conference or meeting. Note that some of these allowances are corrected for each country.

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### RELATED JRP (each RMG is linked to a Joint Research Project of the EMRP)

**PROJECT TITLE:** ENG60– Metrological support for LNG custody transfer and transport fuel applications

**PROJECT DESCRIPTION:**

This project aims to improve and develop the metrology for LNG custody transfer measurements leading to smaller measurement uncertainties, reduction of financial risks of transactions and more transparency in the trade of LNG.

For more details see

<http://www.euramet.org/research-innovation/search-research-projects>

<http://lngmetrology.info/>

The RMG-Researcher may have the opportunity to work with and/or produce joint papers with the following world-leading Researchers: Rémy Maury, Alain Strzelecki, Jean-Pierre Vallet, Jan Gersl

### APPLICATION

**ADVERT REFERENCE:** ENG60-RMG1

**CLOSING DATE:** The closing date is 23:59 CET on Monday 5 September 2016

**INTERVIEW DATES:** If interviews are required they will take place between 3 and 7 October 2016

**APPLICATION:** All applications must be submitted via [www.emrponline.eu/](http://www.emrponline.eu/)

An application consists of a Research Schedule (a description of the work to be undertaken), CV, covering letter, and excel datasheet.

**ELIGIBILITY:** Full eligibility criteria are given here: <http://www.emrponline.eu/downloads/Guide1.pdf>

### THE AIM OF EMRP RESEARCHER MOBILITY GRANTS

"To develop the capacity of individuals in Metrology"

The EMRP provides Researcher Mobility Grants (RMGs) to increase the capability of the European metrology researcher community, by supporting countries in building and furthering their capacity in Metrology.

\* From: *Decision No 912/2009/EC*, Official Journal of the European Union, 30 September 2009, L257, p12 available from: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:257:0012:0025:EN:PDF>