



2015-IPR-G1-FGIV-4333

**FG IV – Researchers in Macroeconomics,  
Finance, and Micro-econometrics**

<p><b>Position for:</b></p> <p><b>FG IV Researchers in Macroeconomics, Finance, and Micro- econometrics</b></p>	<p>The Unit G.01 Financial and Economic Analysis supports EU policies in the domains of economics, financial markets and financial stability. Its areas of expertise include macroeconomic modelling, financial modelling and econometric analysis.</p> <p>The demand for the Unit's work is high and increasing. With an increased emphasis on key policy questions relating to macroeconomic imbalances, debt sustainability, financial markets, financial stability, taxation, growth, inequality and capital markets union <b>the Unit is looking for a total of twelve skilled and motivated researchers in three different profiles.</b></p> <p>1) The main tasks in the <b>macro profile</b> are to provide additional modelling tools for the quantitative economic policy analysis needs in EU institutions. It consists of performing research to strengthen existing macro-economic models for better modelling the endogenous determination of the dynamics resulting from financial risks and related decision-making in banks, households, firms and public institutions. This will include quantitative macro-economic studies (development, estimation, macroeconomic spillover analysis, medium terms projections) on a new estimated multi-country DSGE model, jointly developed by DG ECFIN and JRC.</p> <p>2) Researchers in the area of <b>micro-econometrics and data analysis</b> are expected to work in the fields of financial markets integration, financial risk and systemic risk, financial inclusion, SMEs financing, household indebtedness, as well as in the area of impact assessments for financial regulatory reforms. This requires working within small teams to mine data and/or develop econometric studies of the impact of conditions, events and regulations on financial and economic outcomes.</p> <p>3) The main task in the <b>finance profile</b> is to develop research in the field of banking sector structure and risks, integration of financial markets in the EU, and new forms of financial risks. The positions require developing quantitative and/or econometric analyses and modelling of financial risks. The research is oriented to feed the new Commission agenda for monitoring and reviewing banking regulation, complementing it with a Capital Markets Union, and also to assess new forms for financing the economy.</p> <p>In all three cases, selected outputs should also be ideally published in peer reviewed journals.</p>
---	--

	<p><b>Qualifications</b></p> <p>The ideal candidates should have as <u>essential</u>:</p> <ul style="list-style-type: none"> <li>✓ Ph.D. or a minimum of 5 years of research experience after the first degree giving access to doctoral studies;</li> <li>✓ Background in Economics, Finance, Statistics or related field, with a strong statistical, econometric or quantitative analysis/modelling background, proven by studies or research in the field;</li> <li>✓ Knowledge of programming principles and experience in programming with one or more of the following: Matlab, C, Fortran, R, Stata or other standard statistical packages (e.g. Lisrel, Eviews, SPSS, SAS, etc.)</li> <li>✓ <b>For the micro-econometrics and data analysis profile:</b> Experience in working with micro data on individuals/households and/or companies, preferably in topics related to the Unit's expertise and to the work to be developed;</li> <li>✓ Thorough knowledge of spoken and written English, including the ability to write technical and/or policy reports.</li> </ul> <p><u>Personal abilities</u> such as self-motivation, team spirit, ability to be proactive and work independently are considered essential as well.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> <li>✓ Experience in economic policy analysis would be an asset.</li> <li>✓ <b>For the macro profile:</b> Experience in macro-financial modelling or micro-macro modelling would be an asset.</li> </ul> <p>Experience in panel data analysis would be an asset.</p>
<p><b>Institute Unit</b></p>	<p>Institute for the Protection and Security of the Citizen (IPSC) Financial and Economic Analysis Unit (G.1)</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en/research-topic/financial-and-economic-analysis">https://ec.europa.eu/jrc/en/research-topic/financial-and-economic-analysis</a></p>
<p><b>Indicative duration</b></p>	<p>3 years initial contract with possible renewals up to maximum 6 years</p>
<p><b>JRC Site</b> <b>Country</b></p>	<p>Ispra Italy</p>

<b>Rules and eligibility</b>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff or have applied to the permanent open call for researchers FG IV:</p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers</a></p> <p><b>Applicants are encouraged to indicate their preferred profile(s) in their motivation letter.</b></p> <p>Auxiliary contract staff: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>
------------------------------	---