



**2018-IPR-F-000-9894**

**Methods-Nano**

**Position for:**

Trainee

As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <http://www.jrc.ec.europa.eu>

**Short description of activity:**

Support a project on development of a protocol for testing (Volume) Specific Surface Area for manufactured nanomaterials.

The trainee would help in collecting available protocols related to the BET method for particular nanomaterials, draft a short report and prepare documentation for an expert group.

The trainee should also support reviewing of appropriate methods for measuring the density of solids and porosimetry. Foreseen work is mainly desktop; however, experimental work is not excluded.

**Qualifications:**

Essential:

- BS or MS Degree or studies in Physics, Chemistry, Physical Chemistry Materials Science, or related matters.
- Good Knowledge of spoken and written English (B2 level)

Advantage:

- Knowledge on measurement instruments, solids surface characterisation, nanomaterials, databases, data mining.

	<p><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<b>Unit /Directorate</b>	<p>F- Health, Consumers and Reference Materials F2 – Consumer Products and Safety <b>Methods-Nano</b> - Deliverable 1 Further information: <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a> <a href="https://ec.europa.eu/jrc/en/research-topic/nanotechnology">https://ec.europa.eu/jrc/en/research-topic/nanotechnology</a></p>
<b>Indicative duration</b>	5 months
<b>Preferred starting date</b>	As soon as possible
<b>JRC Site</b>	Ispra
<b>Country</b>	Italy
<b><u>JRC contact details</u></b>	<p><b>For any technical problems with your application, please contact:</b> <a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a></p>