



2019-IPR-E-000-011551

**Training on the experimental study of flat-slab structures**

<p><b>Position for:</b></p> <p>Trainee</p>	<p>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.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></p> <p>The Safety &amp; Security of Buildings Unit is seeking a trainee to be integrated in the team working on the experimental assessment of flat slab structures subjected to earthquake action, within the Transnational Access activities of the SERA project (<a href="http://www.sera-eu.org">www.sera-eu.org</a>).</p> <p>The training consists in the collaboration to the elaboration of experimental data in order to study the global and local response of the test specimen, failure mechanisms, effectiveness of retrofit methods, comparison to numerical models, etc. The trainee, under supervision of the Traineeship adviser will prepare a technical report at the end of his/her stay.</p> <p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"><li>• University degree in civil/structural engineering and an MSc in a field relevant to the topic of the call. Applications from students currently preparing a thesis for an MSc degree are eligible (the Master thesis has to match with the project)</li><li>• A good knowledge of the English language (level B2)</li></ul> <p><b><u>Advantage:</u></b></p> <ul style="list-style-type: none"><li>• Previous research experience in analysis and reporting of experimental data, or</li></ul>
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	<p>professional experience in design of structures</p> <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>Space, Security &amp; Migration Safety &amp; Security of Buildings</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en">https://ec.europa.eu/jrc/en</a></p>
<b>Indicative duration</b>	5 months
<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></p> <p><a href="mailto:HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu">HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</a></p>