



2017-IPR-E-000-8270

**Practical training on experimental  
methods**

<p><b>Position for:</b></p> <p>Trainee</p>	<p><b><u>Short description of activity:</u></b></p> <p>As the science and knowledge service of the Commission, the mission of DG 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>The Trainee will work in the European Laboratory for Structural Assessment (ELSA), operated by the Unit Safety and Security of Buildings where he/she will be integrated in a team dealing with the experimental earthquake testing of civil engineering structures.</p> <p>The objective of the traineeship is to expose the trainee to the experimental techniques he/she might use or exploit in his/her professional career and/or to the use of results from experiments for addressing technical problems.</p> <p>The tasks will deal with the interpretation of the results obtained during a recent European project aimed at studying the effects of non-structural claddings in the seismic response of precast concrete structures. The trainee will prepare a short report at the end of his/her stay.</p> <p><b><u>Qualifications:</u></b> <b><u>Essential:</u></b></p> <p>The candidate must have a University degree in Civil Engineering. Applications from students working on their thesis are also welcome. (the subject of the thesis must be directly related to the project)</p> <p>He/she should possess an adequate knowledge</p>
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	<p>of dynamics of structures/earthquake engineering and numerical methods in structural mechanics as certified by courses previously taken, subject of the thesis and/or eventual previous experience or research work.</p> <p>Good knowledge of English and positive attitude to team working are required.</p> <p>Motivation and realistic plans on how to exploit the acquired knowledge in his/her career shall also be assessed.</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>Institute/Directorate Unit</b>	<p>Directorate E: Space, Security and Migration Safety and Security of buildings Unit</p> <p>Further information: <a href="http://elsa.jrc.ec.europa.eu">http://elsa.jrc.ec.europa.eu</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:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>