



2017-IPR-E-000-8270

**Practical training on experimental
methods**

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| <p>Position for:</p> <p>Trainee</p> | <p><u>Short description of activity:</u></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: http://www.jrc.ec.europa.eu</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><u>Qualifications:</u> <u>Essential:</u></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><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p> |
| Institute/Directorate Unit | <p>Directorate E: Space, Security and Migration Safety and Security of buildings Unit</p> <p>Further information: http://elsa.jrc.ec.europa.eu</p> |
| Indicative duration | 5 months |
| Preferred starting date | As soon as possible |
| JRC Site | Ispra |
| Country | Italy |
| <u>JRC contact details</u> | <p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p> |