**XP-RESILIENCE - ETN**

**Marie Skłodowska-Curie-ITN**

**H2020**

**PhD Position at the Politecnico di Torino – XXXII cycle**

Recruitment at COLUMBIAN CARBON EUROPA Srl (Italy) – Working contract

Project title: **Operational modal analysis of petrochemical plants based on optimal sensor placement**

Start of the PhD Programme: November 1, 2016.

The winner is considered as Early Stage Researcher under the provisions of the rules of the Marie Skłodowska-Curie actions and therefore the position is reserved for candidates who fulfil the conditions for admission set out below.

**REQUIREMENTS**

1. **ACADEMIC DEGREE**

The right to apply is granted to Italian and foreign citizens who at the date of the deadline are in possession of the following titles for the ammission to the PhD Programme (XXXII CYCLE) – 01.11.2016 / 31.10.2019 – in “Civil and Environmental Engineering” at Politecnico di Torino (see also the general admission call at [**http://dottorato.polito.it/en/call\_for\_admission**](http://dottorato.polito.it/en/call_for_admission) and the summary at [**https://didattica.polito.it/zxd/cms\_data/attachment/30/EXECUTIVE\_CALL\_EN.pdf**](https://didattica.polito.it/zxd/cms_data/attachment/30/EXECUTIVE_CALL_EN.pdf) where applicable to programmes of international mobility):

a) Master of Science degree or an academic title obtained abroad and suitable for PhD admission.

Only the applicants who fall within the following categories are allowed to apply:

- Those who were awarded a M.Sc. degree in Italy with a minimum mark of 95/110;

or

- Those who were awarded an academic title with the minimum GPA required (see Table 1 reported at the bottom).

b) one of the following certificates of English language knowledge, regardless of the date of obtainment:

- IELTS with a minimum score of 5.0;

- TOEFL Internet-based Test with a minimum score of 77, or Computer-based Test with a minimum score of 210, or Paper-based Test with a minimum score of 547;

- Cambridge ESOL examinations – General English exams with the minimum level “PET pass with merit”;

or a declaration of having a Ba. and/or M.Sc. degree issued by a University in which courses are taught in English, i.e. “The medium of instruction was English”.

1. **MOBILITY RULE**

The candidate must not have resided nor carried out his/her main activity (work, studies, etc.) in the country of his/her host organisation for more than 12 months in the 3 years immediately prior to November 1, 2016). Compulsory national service and/or short stays such as holidays are not taken into account.

*Refugees:*Researchers with refugee status, as defined by the Geneva Convention, benefit from a less restrictive mobility rule: the refugee procedure (i.e. before refugee status is conferred) will not be counted as a 'period of residence/activity in the country of the beneficiary. This period will only be counted as of the day that they are recognised as refugees. This is because refugees, by definition, are likely to have made unplanned changes of country, moving abroad rapidly without being able to arrange a research position in advance. They may have had to suspend their education or professional activities while obtaining permission to stay in the country. Therefore their mobility is not required to be as recent.

1. **OTHER PROVISIONS**

* Candidates must have not been awarded a doctoral degree, neither in Italy nor abroad.

**FINANCIAL ISSUES**

The type and duration of the working contract depends on the specific features of the recruiting organization and the nationals laws in force.

See details on the financial aspects of Marie Skłodowska-Curie-ITN in the Guide for applicants Marie Skłodowska-Curie Actions Innovative Training Networks (ITN) 2016, published at <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2056-msca-itn-2016.html>

**ADDITIONAL INFORMATION**

Project Reference: 721816 - Call: H2020-MSCA-ITN-2016 - Period: 09/2016 -> 08/2020

For further details on the project and the research topics see: <https://sites.google.com/a/unitn.it/xp-resilience/>

Table 1. Minimum GPA required

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | |  | |  | |
| **COUNTRY** | **MINIMUM GPA (\*)** | |  | |
|  |  | |  | |
| Albania | | 7/10 and higher | |  | |
| Argentina | | 5/10 and higher | |  | |
| Australia | | 65% and higher or 4/7 and higher | |  | |
| Austria | | 3 and lower | |  | |
| Bangladesh | | 50% and higher or GPA 2.5 and higher | |  | |
| Belgium (local grading system) | | 13/20 and higher | |  | |
| Bolivia | | 64/100 and higher | |  | |
| Bosnia Erzegovina | | 7/10 and higher | |  | |
| Brazil | | 6.5/10 or 65/100 and higher | |  | |
| Chile | | 4.5/7 and higher | |  | |
| China | | 65/100 and higher | |  | |
| Colombia | | 3.5/5 and higher | |  | |
| Croatia | | 3/5 and higher | |  | |
| Cuba | | 3.5/5 and higher | |  | |
| Cyprus | | GPA 2.3 and higher | |  | |
| Czech Republic | | 70% and higher or 2 and lower | |  | |
| Ecuador | | 7.5/10 and higher | |  | |
| Egypt | | 65/100 and higher | |  | |
| Ethiopia | | 2.5/4 and higher | |  | |
| European Countries (ECTS grading system) | | C+ and higher | |  | |
| Finland | | 2/3 or 3/5 and higher | |  | |
| France (local grading system) | | 13/20 and higher | |  | |
| Germany (local grading system) | | 3 and lower on a scale (1-6) | |  | |
| Greece (local grading system) | | 5.5/10 and higher | |  | |
| Japan | | 70% and higher | |  | |
| Hong Kong | | GPA 2.3 and higher | |  | |
| India | | 50% and higher or 4.5/7 and higher | |  | |
| Indonesia | | 2.5/4 and higher | |  | |
| Iran | | 14/20 and higher | |  | |
| Iraq | | 65/100 and higher | |  | |
| Ireland | | Second Class Honours, Grade 2 | |  | |
| Italy | | 25/30 and higher | |  | |
| Jordan | | 70/100 and higher | |  | |
| Lebanon | | 13/20 and higher or GPA 2.5 and higher | |  | |
| Libya | | 65% and higher | |  | |
| Macao | | GPA 2.3 and higher | |  | |
| Malaysia | | 2.33/4 (CGPA) and higher | |  | |
| Mexico | | 7/10 and higher or 70/100 and higher | |  | |
| Morocco | | 13/20 and higher | |  | |
| Nepal | | GPA 2.3 and higher | |  | |
| Nigeria | | 50/100 and higher | |  | |
| The Netherlands (local grading system) | | 6.5/10 and higher | |  | |
| Pakistan | | GPA 2.5/4 and higher (other grading systems will be checked individually) | |  | |
| Palestine | | 75/100 and higher | |  | |
| Philippines | | C+ and higher or 2.5 and lower | |  | |
| Portugal (local grading system) | | 15/20 and higher | |  | |
| Romania (local grading system) | | 8/10 and higher | |  | |
| Russian Federation | | 3.5/5 and higher | |  | |
| Saudi Arabia | | 75% and higher or GPA 2.3 and higher | |  | |
| Singapore | | GPA 2.5 and higher | |  | |
| South Africa | | 60% and higher | |  | |
| South Korea | | 70% and higher or 2.3/4.5 and higher | |  | |
| Spain (local grading system) | | 6.5/10 and higher | |  | |
| Switzerland | | 5.5/10 and higher | |  | |
| Syria | | 60% and higher | |  | |
| Taiwan | | 65% and higher | |  | |
| Thailand | | 2.5/4 and higher | |  | |
| Tunisia | | C+ and higher or 10.5/15 and higher | |  | |
| Turkey | | 6/10 and higher (other grading systems will be checked individually) | |  | |
| United Kingdom (local grading system) | | 65% and higher | |  | |
| USA | | GPA 2.3 and higher | |  | |
| Uzbekistan | | 70/100 and higher | |  | |
| Venezuela | | 13/20 and higher or 61% and higher | |  | |
| Vietnam | | 6/10 and higher | |  | |

**(\*)** GPA is determined:

- In the case of Countries using ECTS credits system, by the weighted average of marks with credits for passed exams;

- In the case of Countries using Grade Point Average system and certification (GPA), by the value of the GPA;

- For all the remaining Countries, by the arithmetical average.