

Assegno di ricerca EURAC*

1. Research topic:

Indoor environmental quality as the main driver for energy efficiency in the residential sector: measures, technology and concepts.

2. Objectives

The candidate should carry out research in “Indoor environmental quality as the main driver for energy efficiency in the residential sector: measures, technology and concepts” with the following particular objectives:

- define methods and tools to easily analyze the indoor environment;
- study which are the most energy effective technology to guarantee comfortable homes.

3. Tasks and methodology

- develop (or advance existing) tools to characterize the indoor environmental quality in the residential sector;
- analyze different building envelopes and construction technologies based on IEQ and costs;
- make a comparison among few possible solutions to provide comfort in summer and winter conditions

4. Candidate's requirement

Degree which entitles to embark on a doctorate (Master's degree); Degree fields: Urban and Regional Planning, Architecture, Engineering or related.

5. Fellowship

Gross amount for Research Fellowship (working contract to be signed): Euro 19.370,00 per year

Duration of Contract: 36 months

Contribution to cover the expenses related to the participation of the ESR in research and training activities (research-related costs, meetings, conference attendance, training actions, etc.)

*The European Academy of Bozen/Bolzano (EURAC) is a private research centre located in the heart of the Alps. With a focus on mountain regions, but a vision that reaches to Europe and beyond, researchers come to EURAC from all over the world to find solutions for the most challenging issues of our age. <http://www.eurac.edu/en/pages/default.aspx>