

The Climate, Meteorology and Environment Group of the University of the Basque Country, seeks:

*Postdoctoral researcher on mesoscale atmospheric modeling *

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for the project "Basque climate in the XXI century", EKLIMA21.

Position starts as soon as possible. The position is initially for one year, and might be lengthened to two years, depending on the results of the first year. The salary is 30670 EUR/year (taxes must be deducted from this amount).

The main objective of the postdoctoral researcher will be to develop a mesoscale regional reanalysis over the Iberian Peninsula (1958-2002), by forcing the WRF mesoscale model by boundary conditions from ERA40. The initial conditions of the integrations which will be used to develop the reanalysis will be computed by means of 3DVAR data assimilation (WRF-VAR) of observations stored in the 'analysis feedback' type of the MARS server of the ECMWF, as used in the development of ERA40. This project is supported by the Basque Meteorological Agency, Euskalmet (project EKLIMA21), the ECMWF (Special Project SPESIPRA) and the Spanish Ministry of Science (CGL2005-06966-C07-05). It is expected that the postdoctoral researcher collaborates with the Climate, Meteorology and Environment Group of the University of the Basque Country (<http://www.ehu.es/eolo>) in the analysis and diagnostics of the results of the Mesoscale Reanalysis for specific events and overall verification of its results.

We offer an interesting position at an emerging group in the University of the Basque Country, <http://www.ehu.es/eolo>. The position is initially for a one-year term, but a continuation to two years is to be expected, upon successful performance of the candidate. We are seeking a dynamic and motivated scientist with a Ph.D. in Physics, meteorology or a related field. Requirements for the position are proven expertise in the application and validation of numerical models, preferably of the WRF mesoscale model and WRF-VAR, excellent computing abilities (FORTRAN, LINUX/UNIX and NCL desirable), and expertise in the application of statistical methods to model output. We expect high skills in presentation techniques and a good publication record.

Interested candidates should submit their research interests, CV, publication list, and names and contact details of two referees to:

Dr. Jon Sáenz
Dept. Applied Physics II

Faculty of Science and Technology
Sarriena auzoa z/g
48940-Leioa
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The candidates will be informed of the process to apply in the WEB page of the University of the Basque Country

<http://www.irakasleak.ehu.es/p059-11674/es/>

when the official call for applications opens (very soon). This call for applications will last less than 15 days, so, candidates should be ready to apply in a timely manner, following the instructions that they will receive after contacting the above e-mail address (or directly following the instructions in the above web address, when the call opens).