

Job Offer Announcement		Vacancy Code 133_CRI_SA
Job title	System Administrator Technologist	
Job description	<p>A technologist position under the supervision of Dr. Paolo Fontana is available in the High Performance Computing platform, Computational Biology Centre of the Research and Innovation Centre.</p> <p>The candidate should administrate and follow the update of the computational and storage infrastructure of the Fondazione Edmund Mach (FEM)</p>	
Duties / Tasks	<p>The main task will be focused on the administration of HPC cluster, running on Linux operating system, and on the setting-up and maintaining the network connection between FEM and Fondazione Bruno Kessler.</p> <p>Furthermore the candidate will be involved in the planning and construction of the new HPC and storage network</p>	
Keywords	System administrator, HPC, networking, programming	
Contract type and length, Level	CCPL Fondazione Edmund Mach contract, Technologist 3rd level, 36 months	
Languages knowledge <i>from Common European Framework of Reference for Languages (CEFR)</i>	Intermediate level in spoken and written Italian and English (B1)	
IT knowledge	<ol style="list-style-type: none"> 1. The candidate should have sound knowledge of Linux operating system (both client and server), LDAP, Samba; 2. Experience in setting up an HPC cluster based on grid computing and MPI is a fundamental requisite. Furthermore good knowledge of windows server, in particular Active Directory, will be considered a preferential skill; 3. Good network administration and design knowledge are required, in particular: TCP/IP, iSCSI, DHCP, DNS, NFS and pNFS; 4. Expertise in configuring and managing backup software and monitoring enterprise systems is required; 5. Good knowledge of MySQL and PostgreSQL administration will be appreciated. Furthermore good knowledge of web administration in particular LAMP technology is a prerequisite; 6. Good knowledge of the following programming languages both for standalone application and web oriented: Perl, C++, Python, PHP, javascript, HTML, XML, CSS; 7. Good knowledge of network security and monitoring 	
Required title to join the selection	MSc in Computer Science or similar is required	
Required experience	At least three years of experience in one or more points of "It knowledge" cell	

<p>Psychosocial skills</p>	<p>The following qualifications constitute a preferential requisite:</p> <ul style="list-style-type: none"> - Ability to demonstrate deductive logic, complex problem solving and excellent trouble shooting skills; - Ability work in a team environment with excellent interpersonal skills; - Ability to communicate complex procedures or diverse information to resolve user issues; - Ability to learn new products, integrations and features.
<p>Supervisor</p>	<p>Paolo Fontana</p>
<p>Summary of entry requirements</p>	<ol style="list-style-type: none"> 1. MSc in computer science or similar; 2. Three years of experience in one or more points of “It knowledge” cell

Application

To apply for the position the applicants should send a message mentioning in the subject the recruiting code (**133_CRI_SA**) to the email account **curricula@fmach.it** including an up-to-date CV (Please add the following phrase to your CV otherwise your application will not be considered: **I consent to the use of my personal data in accordance with the provisions of decree 196/2003**).

Save your file in this way: **Surname Name_cv.doc** or **.pdf**;

Deadline

The deadline for the submission of the applications is **September 30th, 2013**.

Short list candidates

FEM will short-list the applicants. We will notify the short-list candidates for an interview in San Michele or for a phone interview. The other candidates will be notified at the end of the recruiting procedure.

Information about CRI

The Research and Innovation Centre of the foundation (CRI), with more than 300 employees, has a mission to promote and enhance the Trentino land-based economy through studies and innovation that improve agricultural and environment products and enhance the quality and nutritional value of food products. It sustains the region's environmental resources through development and promotion of low-impact agricultural practices, study and preservation of biodiversity, and characterisation of alpine and subalpine ecosystems. The centre operates fully integrated research programs and state-of-the-art platform technologies to deliver innovative solutions and competitive products for our stakeholders and end-user communities.

Equal opportunities

The position is open to both genders, Law n. 903, 9/12/1977, art. 1. The policy and practice of the Edmund Mach Foundation require that all staff are offered equal opportunities within employment.

Data treatment

All data supplied by applicants will be used only for the purposes of determining their suitability for the position and will be held in accordance with the principles of the Personal Data Protection Code, Legislative Decree no. 196 of 30 June 2003. By sending the Cv and application, the candidate consent and authorize the Foundation to the use of his/her personal data.