



# RECRUITING ANNOUNCEMENT



Organization and Human resources Division  
Human Resources Development Unit

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Job description	Selection code: 246_CRI_MBD
Type of post and number of positions vacant	<b>N. 1 (one) fixed term position for 36 months as Third band Researcher (R3) in the field of Statistical Analysis and Management of Big Data</b>
Organisational structure and manager for the position	Computational Biology Unit, Research and Innovation Centre (CRI).
Requirements necessary for participation	<ul style="list-style-type: none"> <li>– Master of Science in statistics, mathematics, physics, informatics or biotechnology;</li> <li>– PhD in statistics, mathematics, bioinformatics, physics, informatics;</li> <li>– Knowledge of written and spoken scientific English (minimum level B2), evaluated during the interview;</li> </ul>
Exclusion from the recruitment process	The following may not participate in the recruitment process: temporary staff, project workers and staff who have been employed or worked on a freelance basis for the Foundation in an equivalent role.
Job description	A fixed term position of a Third band Researcher (R3) is available in the Computational Biology Unit of the Research and Innovation Centre (CRI). The successful candidate will provide statistical support to the research activities of CRI and collaborate to the development and implementation of innovative approaches in statistical analysis, integration and management of Big Data, with a focus on Omics data and on the analysis of biological networks.
Duties / Tasks	<ul style="list-style-type: none"> <li>– Interpret data, analyze results using statistical techniques and provide ongoing reports;</li> <li>– Develop and implement databases, data collection systems, data analytics and other strategies that optimize statistical efficiency and quality;</li> <li>– Identify, analyze, and interpret trends or patterns in complex data sets;</li> <li>– Develop and apply state of the art algorithms for the analysis and statistical modelling of data;</li> <li>– Support research scientists in data analysis and experimental design.</li> </ul>
Keywords	Statistical data analysis, networks, big data, -omics data, bioinformatics.
Recruitment methods	By qualifications ( <b>maximum 30 points</b> ) and interview ( <b>maximum 70 points</b> ). The results of the recruitment process will be based on the total points obtained as a result of qualifications and performance at the interview.
Subjects covered in the interview	<p>During the interview, that will be held in English, the following knowledge will be verified in particular (<b>maximum 70 points</b>):</p> <ul style="list-style-type: none"> <li>– Advanced methods of statistical modelling and interpretation (<b>25 points maximum, 15 required</b>);</li> <li>– Advanced methods for machine Learning data fusion and network analysis (<b>20 points maximum, 11 required</b>);</li> <li>– Development of pipelines and software packages for data analysis (<b>20 points maximum, 11 required</b>);</li> <li>– Knowledge of the activities and organization of Fondazione Edmund Mach (<b>maximum 5 points</b>).</li> </ul> <p>The candidate must obtain a <b>minimum mark at the interview of 50/70 Points</b>.</p>
Criteria for the pre-selection (if provided for)	On the basis of the information contained in the <i>curricula</i> or demonstrated by candidates, <b>the best 10 applicants</b> , based on the highest scores obtained following the criteria below, <b>will be selected and admitted to the interview phase (maximum 30 points)</b> :



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	<ul style="list-style-type: none"> <li>– Post-doc work experience in the areas of statistics, data analysis, bioinformatics or systems biology in highly qualified research institutions or universities (<b>between 0.5 and 2 points for each year, depending on the relevance of the research activities, up to a maximum of 6 points</b>);</li> <li>– Scientific publications in journals with Impact Factor (IF) in the field of statistics, data analysis, bioinformatics and to their applications to life sciences (<b>between 0.5 and 2 points for each publication, depending on IF: 0.5 if IF&lt;2; 1 if IF between 2 and 4; 1.5 if IF between 4 and 10; 2 if IF higher than 10; and up to a maximum of 20 points - the IF will be corrected with a factor of 0.7 for the first / last author and 0.3 for all other positions of the author</b>);</li> <li>– Ability to manage national, European or international Funding as Workpackage Leader or Task leader of high-level projects preferentially related to statistical analysis and management of big data (<b>between 0.5 and 2.5 points for each managed project, depending on the type, budget and the role in the project, up to a maximum of 10 points</b>).</li> </ul>
<p>Knowledge of languages in the context of the Common European Framework of Reference for Languages (CEFR): level of knowledge and method of ascertainment</p>	<p>Knowledge of written and spoken scientific English will also be verified (to be checked by an interview on a subject of a technical or scientific nature) at a minimum level corresponding to B2. <i>To understand the levels of knowledge required consult the dedicated page at the EUROPASS site:</i> <a href="https://europass.cedefop.europa.eu/it/resources/european-language-levels-cefr">https://europass.cedefop.europa.eu/it/resources/european-language-levels-cefr</a> <b>In the event that it is ascertained that the candidate does not have knowledge of English corresponding with level B2, s/he will be excluded from the recruitment process.</b></p>
<p>Methods and deadlines for communication of the calendar and location to candidates admitted to the interview</p>	<p>Candidates admitted to the interview phase will be informed of the date and location via e-mail (<b>NO PEC</b>), sent to the contact address used to send the curriculum, at least 10 days before the interview date. The interviews will be held at the Fondazione E. Mach in San Michele all'Adige (TN).</p>
<p>Gross annual remuneration</p>	<p>Temporary employee contract "CCPL Fondazioni", Third level Researcher, yearly Euro 38,158.73 including 13° and 14° months.</p>
<p>Deadline for presentation of applications and deadline for the conclusion of the recruitment procedure</p>	<p>Applications must <b>arrive by and no later than 23:59 C.E.T.</b> (the date and time of receipt shown in the electronic mail account of the Foundation shall be valid) <b>on July 31, 2018</b>. The recruitment procedure will terminate at the latest by January 31, 2019.</p>
<p>How to present applications</p>	<p>Applications to participate in the selection (complete <b>CV, publication list, names and email addresses of three referees, and a statement of research interests and accomplishments</b>), must be sent in electronic format to the e-mail address (<b>NO PEC</b>) <a href="mailto:curricula@fmach.it">curricula@fmach.it</a>, indicating the recruitment code in the object of the message (<b>246_CRI_MBD – R3 temporary big data</b>). The work curriculum must be saved with file extension: <b>Surname Name_CV.doc , or .pdf</b>. In cases of access issues due to disability, please contact the following telephone number +39 0461 615542.</p>
<p>Proof of documentation in the event of hiring and relative deadlines</p>	<p>By at least 10 days before the date of hiring, the candidate must provide the following, on penalty of cancellation:</p> <ul style="list-style-type: none"> <li>– Certificate of PhD in statistics, mathematics, bioinformatics, systems biology, chemometrics, physics;</li> </ul>





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	<ul style="list-style-type: none"> <li>– Certificate of Master Degree in statistics, mathematics, bioinformatics, systems biology, chemometrics, physics;</li> </ul>
Results of the selection	<p>The results of the selection will be communicated by:</p> <ul style="list-style-type: none"> <li>– <b>Publication of the suitable candidate ranking</b> on the webpage dedicated to the present recruiting, with the details of ranking order, family name, name and obtained points;</li> <li>– <b>Communication to all candidates</b>, suitable in the ranking and not suitable, at the end of the recruitment procedure <b>individually via e-mail (NO PEC)</b>, sent to the contact address used to send the curriculum.</li> </ul>
Hiring conditions and categories covered by Law 68/99	<p>Please note that Fondazione Edmund Mach operates in compliance with D.lgs. 81/2015 including art. 19, para 2, according to which the duration of fixed-term employment contracts between the same employer and the same employee, as a result of a succession of contracts, concluded for the performance of duties of the same level and legal category and regardless of the periods of interruption between a contract and the other, shall not exceed thirty-six months.</p> <p>Finally, candidates are invited to state whether they belong to the categories recognised according to Law 68/99 and indicate this in the curriculum sent to participate in the recruitment process.</p>
Current Welfare and benefit	<ol style="list-style-type: none"> <li>1. <a href="#">Family Audit</a> certified company, with flexible working time and human resources management policy work-life conciliation oriented;</li> <li>2. Access to the in-house canteen and cafeteria in San Michele all'Adige, <a href="#">card for meals out of the canteen</a> available with the value of 6,00 Euro;</li> <li>3. <a href="#">Bikesharing</a> location and free car park within the campus in San Michele all'Adige and in the peripheral offices;</li> <li>4. Free Wi-Fi eduroam access (<a href="#">Education Roaming</a>) in the campus building in San Michele all'Adige (90% coverage) and in other companies with GARR Wi-Fi service;</li> <li>5. Employee discount for the purchase of the internal <a href="#">winery products</a>;</li> <li>6. <a href="#">Staff Social Club</a>, with discount for members and promotions of sport-recreational activities;</li> <li>7. Internal periodical market with agro-food products prepared by the Foundation high school students.</li> </ol>
Handling of data	<p>The curriculum must include the following phrase, otherwise the candidature will not be taken into consideration: <b>I agree to the handling of my personal data in accordance with EU Regulation GDPR 2016/679</b>. The candidate takes full responsibility for all the information included in the application form and curriculum vitae. The Foundation reserves the right to request documentary proof of the qualifications listed by the candidate considered suitable for the post offered.</p> <p>The candidate takes full responsibility for all the information included in the application form and curriculum vitae. The Foundation reserves the right to request documentary proof of the qualifications listed by the candidate considered suitable for the post offered.</p>

<p>FONDAZIONE EDMUND MACH</p>  <p>ISTITUTO AGRARIO DI SAN MICHELE ALL'ADIGE</p>	<h2>RECRUITING ANNOUNCEMENT</h2>	
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Before carrying out the tests and/or evaluation interview, the candidate shall be identified and asked to complete a declaration, if this has not already been presented, stating:

- that he has the requirements indicated in the notice;
- that there are no reasons for incompatibility provided for by the law or linked to interests of any kind with reference to the scope of the employment;
- that he has no criminal convictions and is not subject to measures related to the application of prevention measures, civil decisions and administrative provisions registered in the criminal record;
- the truthfulness of the declarations made in the application/ curriculum and an undertaking to communicate any subsequent changes.

For any matters not covered by this recruitment notice, reference should be made to "[Regulations for the recruitment of human resources at the Fondazione Edmund Mach](#)".

The Director General  
Dr. Sergio Menapace