SOCIB is hiring a leader for his Data Centre facility to manage and coordinate a team of engineers, be responsible of the data management full lifecycle and coordinate the workflow with the other facilities.

The Data Centre is the core of SOCIB. Through it, SOCIB is developing and implementing a general data management system to guarantee international standards, quality assurance and interoperability. The combination of different sources and types of information (time series, profiles, trajectories, grids/meshes, images, acoustic data, etc.) requires appropriate methods to ingest, catalogue, display and distribute this information. The general goal of the SOCIB Data Centre is to provide users with a system to locate and download the data of interest (near real time and delayed mode) and to visualize and manage the information. Following SOCIB principles, data need to be: 1) discoverable and accessible; 2) freely available; 3) interoperable and standardized. These principles are in line with the challenges and opportunities of Open Data. For more information, please, visit http://www.socib.es/?seccion=dataCenter.
Data Centre Leader Profile

Duties

- Manage a team of engineers to maintain and continuously evolve the whole data management process lifecycle, from data ingestion to data visualization
- Coordinate the workflow between the Data Center and the other SOCIB facilities
- Supervise and manage the definition, implementation, development and maintenance of the applications related to data management process, that is the data full lifecycle
- Project management and coordination of the international projects and conferences where SOCIB actively participates
- Effective decision-making, and responsible for developing and implementing strategies issues
- Define and guarantee quality control procedures and data validation mechanisms. Responsible for the adoption of international standards.

Required qualifications

- M.Sc. degree in Computer Science or related discipline (equivalence Ingeniería Informática)
- Minimum of 5 years with relevant experience in software systems in an operational, highly available environment and covering the full development lifecycle
- Strong knowledge of software development, web technologies and database systems
- Proven solid experience in leading and developing teams
- Proactive and strong self-initiative skills
- Strong analytical and problem-solving skills
- Ability to coordinate key tasks and track deadlines
- Ability to organize and prioritize work and meet deadlines, establishing clear project goals and deliverables

Preferred qualifications

- Background in operational oceanography and/or meteorology
- Knowledge of Agile software development methodologies
- Knowledge of geospatial technologies and earth observation standards (CF Conventions, NetCDF, WMS, WCS, ISO)
A full-time job is offered where the candidate will be in touch with the most advanced systems in physical oceanography, scientific and technical experts, international research centers and industry-leading companies. A test period of 3 months will be established. Applications in English, Spanish or Catalan should be sent via e-mail to info@socib.es attaching CV and a covering letter explaining why you think you are the adequate person for this post. Provide the names and contacts of two persons that can provide recommendation on your previous work and that could be contacted in the selection process.