

The Fraunhofer Research Foundation offers a new position at its Center in Chile:

“Head of PV Systems”

Fraunhofer Chile Research - Center for Solar Energy Technology (CSET), Santiago, Chile

Job description:

Fraunhofer is giving you an exciting work environment bridging the areas of applied research and industrial demand. We are focusing on providing innovative and high-quality solutions and advanced research services in order to support Chile’s development towards a solar economy. You will lead and guide a motivated and excellent team of about 10 researchers in the Angelini Innovation Center on Campus San Joaquin of the Catholic University in Santiago de Chile. You will have contact to our international partners, especially to colleagues at Fraunhofer ISE, Germany.

Position requirements

Education:

Physicist, Electrical Engineer (Msc, preferably PhD) or equivalent education with background in solar photovoltaic systems, quality assessment and testing

Work experience:

You have a sound knowledge of photovoltaic modules and systems operation and principles. You should have experience in the field of project management, photovoltaic performance assessment, solar resource prediction and cost analysis. You are familiar with market and operational characteristics of different PV technologies. Similarly it would be great if you have already worked with industry in contract research, offering R&D services to external customers.

Competences:

Your strengths include the ability to lead a team of researchers and engineers, negotiate contracts with industrial customers and work independently with a high level of commitment. Therefore, you should have organizational skills, creativity, flexibility and excellent communication skills. You are enthusiastic about applied research, renewable energies in total and new ideas, and are interested in working in an interdisciplinary team. The working languages are mainly Spanish and English.

Responsibilities:

To lead the team “PV Systems” dealing mainly with contract research for industry and public funded projects on photovoltaic. There is a strong collaboration and interaction with the other teams in our Center, especially in the topics of grid integration, monitoring of systems, solar resource assessments and solar water treatment. You should

- manage and organize your team and equipment on day to day basis
- lead/supervise and be responsible for the projects of your team
- identify new R&D potentials, projects, partners, clients and other institutions for this area
- prepare proposals and offers to industry and public bodies

- prepare of progress reports on projects and initiatives associated in the relevant area
- attend work meetings and report the progress status of projects in the area
- support the Executive Director of the Center in tasks on demand
- organize seminars and dissemination events with industry, academic entities and other R&D institutions for your area
- organize team meetings to discuss and develop corresponding projects
- request new appointments, vacations, and other requirements of employees in the team
- encourage the team maintaining an adequate working environment
- organize the work of his collaborators in terms of logistics, health and safety

The research efforts of Fraunhofer are geared entirely towards people's needs: health, security, communication, energy and the environment. As a result, the work undertaken by our researchers and developers has a significant impact on people's life. We are creative. We shape technology. We design products. We improve methods and techniques. We open up new views.

Starting date: April 1, 2018 or later

Apply at:

Fraunhofer Chile Research FCR-CSET,
Centro de Innovacion UC Anacleto Angelini, Piso 8 , Vicuña Mackenna 4860, Macul, Santiago, Chile,
Prof. Dr. Frank Dinter, E-Mail: frank.dinter@fraunhofer.cl