

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

For our research division “Solar Thermal Systems” we are looking for:

**Research Line Leader “Solar Thermal Technologies”
Center for Solar Energy Technology (CSET),
Santiago, Chile**

Position requirements

Education:

You have successfully completed a degree (Master or PhD) in physics or engineering with the focus on solar thermal energy systems, concentrating collectors and/or industrial process heat.

Work experience:

You have a sound basis in solar thermal systems engineering and energy efficiency. You have experience in the field of project management, solar system design, performance simulation of systems and cost analysis. You are familiar with concentrating systems like Parabolic Trough, Fresnel and also Central receiver systems, as also with thermal storage solutions and Concentrating Solar Thermal Power (CSP) systems. Similarly 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 and with a high level of commitment. Therefore, you should have creativity and flexibility in combination with analytical, organizational and communication skills. You are enthusiastic about applied research, renewable energies and are interested in working in an interdisciplinary team. The working languages are Spanish and English.

Your responsibilities will be

To lead the team “Solar Thermal Technologies” dealing with solar thermal systems and energy efficiency, especially in the topics of thermal energy storage, concentrating solar thermal power, solar heat in industry and water desalination.

Your tasks will be the followings:

- Development of R&D activities supporting the development of advanced and more cost-effective solar thermal systems
- Manage and organize your team and equipment in their everyday work
- Preparation of proposals and offers for national and international collaboration
- Contact to potential customers and companies
- Managing public and private projects, project reporting for projects and finances within your team
- Assessment of the economic viability of potential solutions
- Technological watch over commercial products and new developments

- Further Development of the expertise at the center: training of other members, proposal of investigation projects
- Guidance and supervision of students

What you can expect from us

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 7 researchers in the Angelini Innovation Center on Campus San Joaquin of the Catholic University. You will have contact to our international partners, especially to colleagues in Chile and also to Fraunhofer ISE, Germany.

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 lives. We are creative. We shape technology. We design products. We improve methods and techniques. We open up new vistas.

Benefits:

- Complementary health insurance (free of charge)
- Administrative day
- Performance based Annual Bonus
- Great work environment

Starting date: September 2019 or later

To apply send your CV and motivation letter before 6st September to:

Fraunhofer Chile Research FCR-CSET,

Centro de Innovacion UC Anacleto Angelini, Piso 3, Vicuña Mackenna 4860, Macul, Santiago, Chile,

Maribel MirandaE-Mail: maribel.miranda@fraunhofer.cl with the subject "RLL Solar Thermal Technologies"