

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

**Research Line Leader “Solar Process Heat”
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 3-4 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 Fraunhofer ISE, Germany.

Position requirements

Education:

Mech. Engineer (Msc, preferably PhD) or equivalent education with background in solar thermal energy systems, concentrating collectors, industrial process heat

Work experience:

You have a sound 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 collectors like Parabolic Trough or Fresnel, thermal storage solutions and Concentrating Solar Thermal Power (CSP). Similarly 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, work independently and 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 and new ideas and are interested in working in an interdisciplinary team. The working languages are Spanish and English.

Responsibilities:

To lead the team “Solar heat” dealing with solar thermal systems and energy efficiency. There is a strong collaboration and interaction with the other teams in our Center, especially in the topics of thermal energy storage, concentrating solar thermal power and water desalination. You should

- develop 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
- prepare proposals and offers
- contact to potential customers and companies
- manage the projects and finances within your team
- prepare and contribute to project reporting for industrial and public projects
- assess the economic viability of potential solutions

- have an overview over commercial products and new developments
- guide and supervise students work

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.

Starting date: January 1, 2017 or later

Apply at:

Fraunhofer Research Foundation Av. Mariano Sánchez Fontecilla #310, Las Condes, Santiago
Prof. Dr. Werner Platzer, E-Mail: werner.platzer@fraunhofer.cl