

## Postdoctoral Research Fellowship

**Project Title:** Pressurized Air Receiver Development

**Scope of Research:** The Department of Mechanical and Mechatronic Engineering at Stellenbosch University offers a postdoctoral position in concentrating solar power in the field of pressurized air receiver research. The position is immediately available at a project that is aimed at furthering recent research at the university on recently developed pressurized air receiver systems.

**Host:** The project will be hosted by the Department of Mechanical and Mechatronic Engineering at Stellenbosch University and situated within the Solar Thermal Energy Research Group (STERG).

**Requirement:** PhD (must have graduated within the last five years)

- Previous experience in concentrating solar power
- Familiarity with relevant fields of heat transfer, solar optics, mechanical considerations
- Knowledge of programming languages common in Engineering (Fluent, SciLab, etc.)
- Excellent oral and writing English proficiency

We expect candidates to be highly motivated, to have excellent communication and interpersonal skills and to like working in an interdisciplinary and international environment.

**Commencement of duties:** As soon as possible

**Benefits:** A postdoctoral bursary of R20 000 per month is provided with the position. The fellow is required to make his/her own arrangements for visa, travel, locally accepted health insurance, etc. For advise with this regard, please contact the University's international office. Postdoctoral research fellows are not eligible for employee benefits since they are registered as research fellows and their bursaries are awarded tax free.

**Closing date: 07.03.2017**

**Enquiries:** Send a letter of application, accompanied by a comprehensive curriculum vitae, including list of publications and the names and contact details of at least two referees, to Mrs. Leigh van der Merwe at the following e-mail address: lpina@sun.ac.za

Applicants should request their referees to forward confidential reports by the closing date direct to the same address.