

## CAREER OPPORTUNITY

*The CSIR (Council for Scientific and Industrial Research) is one of the leading research and development, technology and innovation institutions in Africa. With a track record spanning more than 60 years, the CSIR is committed to serving the development objectives of South Africa and the region through top skills and by performing research that is relevant and has impact. With an emphasis on building and transforming human capital, the CSIR plays a key role in ensuring the science and technology competence to address challenges of the future.*

### **Senior Scientist: Laser Systems Group**

#### **CSIR NATIONAL LASER CENTRE**

The CSIR National Laser Centre is a national research centre focusing on research and development (R&D) work in laser technology and its applications. The centre is focusing its activities on the generation of new knowledge in this field, and also has to engage in contractual R&D work in several different market segments, which includes the manufacturing, health, mining and defence industries. The CSIR National Laser Centre has a strong commitment to establish and strengthen links with tertiary education institutions. Within the centre, the laser systems research group is responsible for R&D in the field of diode-pumped laser sources.

#### **The position:**

A vacancy exists for a Senior Scientist in the laser systems group.

The incumbent's responsibilities cover the following aspects:

- Contribute to R&D projects in laser source development at the centre
- Mentoring of young scientists and students
- Maintain a research profile informed by international research trends as well as local industry needs
- Management of medium to long-term research projects
- Working in a multidisciplinary environment with clients, engineers, scientists, project managers and technicians
- Presentation of work at conferences or to clients
- Publish research in peer-reviewed journals
- Develop laser prototypes
- Collaborate on interdisciplinary research projects.

#### **The person:**

The minimum requirement is a PhD degree or equivalent in the laser field with at least five years' experience in laser development - especially in diode-pumped solid-state lasers.

The candidate should have:

- A good track record in an R&D environment
- Laser research experience in solid state lasers.

The position includes a competitive salary package on a cost-to-company basis. More information can be obtained on request from [cbollig@csir.co.za](mailto:cbollig@csir.co.za). Please submit your CV with a cover letter no later than 19 October 2008 to [smahlaba@csir.co.za](mailto:smahlaba@csir.co.za). The CSIR has the right not to make any appointments.

The CSIR gives preference to candidates who meet the requirements and who will add to the cultural and gender diversity of the organisation.

PLEASE NOTE THAT CORRESPONDENCE WILL BE ENTERED INTO WITH SHORT-LISTED CANDIDATES ONLY.