Job Opening

R&D Scientist at the CSF-Advanced Microscopy Facility

Description:

We are looking for an *R&D Scientist* with experience in optical instrument/microscope development and associated software-hardware interfacing. The job will involve building and maintaining cutting edge and novel optical microscopy setups for life science applications. Projects will revolve around our current strengths in micro-spectroscopy, time-resolved spectroscopy, superresolution microscopy and light-sheet microscopy, although candidates working in diverse optical imaging/spectroscopy methodologies or otherwise related technical fields, are invited to apply.

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Desirable attributes:

-*Interpersonal skills and eagerness to learn underlying biology of systems to be studied.* You will work as part of a fun cross-disciplinary team of optical engineers / physicists and biologists, building microscopes for life-science applications. Documentation and the ability to communicate your ideas/work to non-specialized persons are important.

-*Multi-tasking and organizational skills.* We are a fairly small dedicated team and you will typically be involved in several projects aside from your main project at any one time.

-*Creative problem solving skills & Responsibility.* Many of our instruments are custom built and need to be spontaneously adapted for specific applications / imaging conditions. You will be responsible for the operation, modifications and maintenance of certain instruments at the facility.

-*Computer/hardware-interfacing skills.* You are comfortable with performing non-trivial software-hardware interfacing jobs (Labview) as well as data processing/analysis (Matlab, etc.). Good programing skills are highly desirable for this particular opening.

-*Knowledge of optics.* You have a solid understanding of classical optics. Practical experience working with imaging or spectroscopy instruments for biomedical or astronomical implementations is highly desirable.

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The ideal candidate will have a degree in optics, physics, optical-engineering, electrical-engineering, astrophysics, or other technical field (Masters or PhD level), with practical experience in optical instrument design and a good theoretical understanding of diverse areas of applied optics.

The Campus Science support Facilities (CSF) is a non-for-profit academic institution located in the heart of Vienna, Austria, with the goal of offering and developing scientific infrastructure and providing microscopy know-how for life-science & biomedical researchers at the Vienna Biocenter and beyond. The Advanced Microscopy Facility develops, maintains and operates novel, custom and cutting edge optical microscopes in line with these goals.

Salary will be commensurate with the experience of the candidate. The position will initially be for 1 year, and following an internal and external assessment, changed to a permanent position. The expected starting date is beginning of 2016. Applications will be considered until a suitable candidate is found.

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Inquiries and applications should be sent to Dr. Kareem Elsayad (elsayad@csf.ac.at), the latter with the sentence "*Application for CSF AdvMicro R&D Scientist*" in the subject line. All documents should preferably be in PDF format and include a cover letter with your contact information, CV, and the contact information of 3-4 references that may be contacted. Your CV should also include a pier-reviewed publication list if and as applicable, and state your competency in relevant programing languages and software packages. You may state in your email if you would prefer that we do not contact references until after you have been short-listed.