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The Hannover Centre for Optical Technologies (HOT) invites applications for the position of a

Scientific Employee (m/f/d) in the field of "Applications of optical technologies in plant sciences" (Salary Scale 13 TV-L "FwN", 100 %)

to start on the next possible date. The position is initially limited to 3 years.

The position is primarily aimed at postdocs, but in case of outstanding qualifications of the candidate, it can also be advertised for a doctorate.

Responsibilities
The advertised position is affiliated to the newly established Phytophotonics Professorship, which is dedicated to the use of optical technologies in plant sciences and thus represents the interface between natural sciences, physics and engineering.

The position will be devoted to research of optical methods for manipulating plant tissue, e.g. in the area of chlorophyll bleaching. In addition, phytomonitoring based on optical methods is to be established, including the use of spectroscopic and imaging methods. In addition, participation in the acquisition of third-party funds as well as the support of courses (teaching obligation 4 LVS) will be part of the responsibilities.

We offer a motivating, dynamic working atmosphere in a current, application-oriented research field at the interface between plant sciences, physics and engineering.

Employment requirements
Prerequisite for the recruitment is a successfully completed academic university degree (Master) in physics, optical technologies, engineering or a related subject. In the case of proven technical expertise, applications with a background in natural sciences can also be considered. An excellent completed doctoral thesis is desirable. In-depth knowledge in at least one of the following areas: applied optics, laser manipulation, Raman spectroscopy, optical coherence tomography, imaging processes, ideally in the context of applied plant sciences. Experience in applied optics and photonics, optical measurement technology and good programming skills are an advantage.

We expect a high level of commitment and motivation, enjoyment of independent, experimental and theoretical work as well as good spoken and written German and English.

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Part-time employment can be arranged on request.

As an equal opportunities employer, Leibniz University Hannover intends to promote women and men. For this reason, suitably qualified women are specifically invited to apply. Preference will be given to equally qualified applicants with disabilities.

For information please contact Prof. Dr. Dag Heinemann
(Email: dag.heinemann@hot.uni-hannover.de). Further information on HOT can be found on our websites: www.hot.uni-hannover.de / https://www.igps.uni-hannover.de/

Please submit your complete application documents including letters of recommendation until December 13, 2020 to:

Gottfried Wilhelm Leibniz University Hannover
Hannover Centre for Optical Technologies (HOT)
Nienburger Str. 17
D-30167 Hannover
http://www.uni-hannover.de/jobs

or by email to Prof. Dr. Dag Heinemann: dag.heinemann@hot.uni-hannover.de

Information on the collection of personal data according to article 13 GDPR can be found at https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/.