UNIVERSITÄT STUTTGART
INSTITUT FÜR STRAHLWERKZEUGE
STUTTGART LASER TECHNOLOGIES

Three PhD / post-doc positions at the IFSW of the University of Stuttgart

"Ultrafast thin-disk lasers"

The Institut für Strahlwerkzeuge (IFSW) of the Universität Stuttgart, founded in 1986, is reputed as one of the leading laser research centres worldwide. Its strength is based on a holistic research approach covering every aspect from laser sources to their applications and ranging from fundamental investigations to industrial technology transfer. The main activities at the IFSW are currently concerned with selected topics in the fields of laser beam sources (especially the thin-disk laser), optical elements and components for beam delivery and beam shaping as well as fundamental investigations on the light-matter interaction with the subsequent process development of macro and micro applications for industrial manufacturing.

For its increasing activities in ultrafast thin-disk lasers, the IFSW offers **three PhD or post-doc positions** for a duration of **3 years**. The main objectives are the development of different approaches of high-power (>200 W) thin-disk lasers operating in the picosecond or femtosecond regime.

For this we are looking for highly motivated candidates. You want to work on a challenging scientific project. You have an above-average degree and preferably some knowledge and hands-on experience in lasers and optics in general and ultrafast lasers in particular.

The payment will be according to TV-L 13 (100 %) plus the usual benefits. The position offered is limited to three years (with optional extension).

Please send your application to:

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