

ASiiA Job Offer

Reference Number	1009
------------------	------

Job title and application settings			
Job Title	Laser Beam Technology Intern		
Start Date	Annually in January, April, September	End Date	Negotiable
Application Deadline	3 months prior to planned start date	Internship Duration	Min. 6 months
Hours Per Week	Appr. 35 h	Flexible on Dates?	yes

Company Information			
About the Company	<p>The Fraunhofer Institute for Material and Beam Technology IWS focus on application-oriented research and development, covering all steps, starting with physical- and material- technological basic knowledge and ending with holistic systems development. We bundle our strength, on the one hand, on laser technology (e.g. laser welding, cutting, coating, hardening, cleaning) and, on the other hand, on surface technology (e.g. laser build up welding, cladding thin film technology).</p>		
Contact Person	For further information please contact Claudia Schönherr	Email	asiia@leo.tu-dresden.de

Internship Details	
Tasks	<p>Within the scope of a student work will be performed investigations on the subject of laser beam cutting or ablation, mainly for metals. The exact task changes in dependency of your application date.</p> <p>Possible contents:</p> <ul style="list-style-type: none"> - state-of-the-art search - experimental work in the lab - metrology tasks - evaluation and interpretation of test results
Supervision/ Monitoring	<p>Our interns are guided by a mentor. The mentors have experience in supporting encouraged students in different fields (e.g. practical work or her/his diploma thesis). Furthermore, we will give our trainees space to develop own ideas in their projects.</p>
Required Skills to Fulfil Tasks	<p>First experiences in laser technology or laser material processing are preferable but not necessary</p> <p>Interest in independent and experimental tasks</p> <p>Motivation, commitment, learning receptivity and capacity for teamwork</p>
Required Computer Skills	<p>Microsoft office</p> <p>Adaptable to computer programs</p>
Field of Study Required	<p>Engineering</p> <p>Physics</p> <p>Materials science and related fields</p>



Level of Studies Accepted	Currently In	Already Completed		
	Bachelor's	<input checked="" type="checkbox"/>	Bachelor's	<input checked="" type="checkbox"/>
	Master's	<input checked="" type="checkbox"/>	Master's	<input type="checkbox"/>
	Ph.D.	<input type="checkbox"/>	Ph.D.	<input type="checkbox"/>
Language Level Required	English, basic German of advantage			
Other Skills or Qualifications	---			

Remuneration	
Payment	The payment is based upon the company agreement for the employment of assistants.
Non-monetary Benefits	---