

<b>Position</b>	PhD Student (Physics, Engineering, Applied Science, Instrumentation, Detector Physics)
<b>Company</b>	Institute for Particle Physics, ETH Zurich, Switzerland
<b>Workplace</b>	Zurich
<b>Description</b>	We offer a challenging PhD position at a renowned University working on an exciting new project to detect neutrons in challenging environments. The successful candidate would work within a small dynamic group, offering his valuable input to the decision making process and carrying a high level of individual responsibility. In the context of your PhD you will have direct insight into an innovative ETH Spin-off company, as well as contact to national and international research groups and industry.
<b>Education</b>	<p><i>Your tasks</i></p> <p>Collaboration in an innovative technical research project. The aim is the development and field testing of a novel detector for neutron and gamma radiation. ETH Zurich as well as an ETH spin-off company are participating in this project. The successful candidate will be involved in the hardware design of a novel radiation detector. The candidate will inspect new technical solutions and test their feasibilities. The work furthermore implies engagement in the field test measurement campaign, data analysis and product development.</p> <p><i>Your profile</i></p> <p>You hold a masters degree in physics, mechanical engineering, or equivalent. Experience in detector physics and radiation physics would be an advantage. If you are a good team player with sense of responsibility and communication skills in both German and English, this position will offer a great opportunity for you to develop your research career in an exciting and interdisciplinary environment.</p>
<b>Entrance upon</b>	by arrangement, earliest June 2009
<b>Contact address</b>	<p><b>For further information please get in touch with:</b>  Dr. Giovanna Davatz, Phone +41 (0)44 633 72 89  Email: <a href="mailto:davatz@phys.ethz.ch">davatz@phys.ethz.ch</a></p> <p><b>Please submit your application to:</b>  Dr.Giovanna Davatz, HPK F33, Institute for Particle Physics, ETH Zurich,  Schafmattstr. 20, CH-8093 Zürich</p>
<b>Link to the company</b>	<a href="http://www.ipp.phys.ethz.ch">www.ipp.phys.ethz.ch</a> ; <a href="http://www.arktis-detectors.com">www.arktis-detectors.com</a>