

PhD student position in PET detectors

**Nuclear Medicine Department at Klinikum rechts der Isar/TUM (Munich, Germany)**

We are developing a high resolution small animal PET insert for a 7T MR scanner for simultaneous PET/MR acquisition. The detector is based on dual layer LYSO crystals with one-to-one coupling to Silicon Photomultipliers.

We are looking for a talented and highly motivated individual for this challenging project. Candidates with the ability to identify and troubleshoot electronic hardware issues, hardware items in wiring up circuits. Some knowledge about detectors used nuclear physics, specially for medical applications, is highly desired.

The successful candidate must have a relevant MSc degree (or equivalent), e.g. in the field of physics or engineering. Good level of English and the ability to work in a team are essential.

The application should consist of a letter describing the applicant, her/his background and research interests, 2 academic references as well as a CV and copies of academic grades.

**For more information**, please contact: Dr. Jorge Cabello or Prof. Dr. Sibylle Ziegler, e-mail: [jorge.cabello@tum.de](mailto:jorge.cabello@tum.de)/[sibylle.ziegler@tum.de](mailto:sibylle.ziegler@tum.de)